Part 2 of 2

The New England Journal of Medicine

Established in 1812 as The NEW ENGLAND JOURNAL OF MEDICINE AND SURGERY

Owned, Published, and ©Copyrighted, 1989, by the Massachusetts Medical Society

VOLUME 320 JANUARY–JUNE 1989 INDEX

No. 1	1–68	Jan. 5
No. 2	69–132	Jan. 12
No. 3	133–196	Jan. 19
No. 4	197–264	Jan. 26
No. 5	265–336	Feb. 2
No. 6	337–408	Feb. 9
No. 7	409–472	Feb. 16
No. 8	473–544	Feb. 23
No. 9	545–608	March 2
No. 10	609–676	March 9
No. 11	677–748	March 16
No. 12	749–816	March 23
No. 13	817–880	March 30
No. 14	881–952	April 6
No. 15	953–1024	April 13
No. 16	1025–1096	April 20
No. 17	1097–1160	April 27
No. 18	1161–1228	May 4
No. 19	1229–1292	May 11
No. 20	1293–1360	May 18
No. 21	1361–1436	May 25
No. 22	1437–1504	June 1
No. 23	1505–1568	June 8
No. 24	1569–1636	June 15
No. 25	1637–1704	June 22
No. 26	1705–1760	June 29

SUBJECT INDEX

A

Abbreviations
Abbreviations in the medical literature [Mann] 320(17):1152–c

Abdomen
Delayed death from ingestion of a toothpick [Bee & others] 320(10):673–c

Abnormalities
Malformations due to presumed spontaneous mutations in newborn infants [Nelson & Holmes] 320(1):19*

Abnormalities, Drug-Induced
When a uniquely effective drug is teratogenic: the case of isotretinoin [Stern] 320(15):1007–sb

Abortion, Induced
Ethical use of human fetal tissue in medicine [Greely & others] 320(16):1093–sr; [Annas & Elias] 320(16):1079–sb
Politics of transplantation of human fetal tissue [Annas & Elias] 320(16):1079–sb
Waiting for the amniocentesis [Hodge] 320(1):63–c

Abscess
MGH Case Records (Case 12-1989): A 24-year-old Haitian man with right flank pain and recent fever [Carpenter & Sullinger] 320(12):790–cpc

Academic Medical Centers
Effects of liability fears [Smeltzer & Challoner] 320(18):1221–c

Accidental Falls
Prevention of falls among the elderly [Tinetti & Speechley] 320(16):1055–mi

Accidents
Case–control study of the effectiveness of bicycle safety helmets [Thompson & others] 320(21):1361*; [Callahan] 320(21):1412–e
Legislating safety — how far should we go? [Callahan] 320(21):1412–e

Accidents, Traffic
Severity of sleep apnea and automobile crashes [Findley & others] 320(13):868–c

Acetaminophen
Analgesic use and chronic renal disease [Sandler & others] 320(19):1238*; [Bennett & DeBroe] 320(19):1269–e
N-acetylcysteine in the treatment of acetaminophen overdose [Westman & others] 320(21):1417–c

Acetylcysteine
N-acetylcysteine in the treatment of acetaminophen overdose [Westman & others] 320(21):1417–c

Acid–Base Equilibrium
Assessing acid–base status in circulatory failure: differences between arterial and central venous blood [Adrogué & others] 320(20):1312*; [Bleich] 320(20):1345–e

Acid–Base Imbalance
Acid–base abnormalities in cardiopulmonary arrest: varying

KEY TO ABBREVIATIONS

bi — Seminars in Medicine of the Beth Israel Hospital, Boston
br — Book Reviews
c — Correspondence
cpc — Case Records of the Massachusetts General Hospital
e — Editorial
hpr — Health Policy Report
md — Mechanisms of Disease
mi — Medical Intelligence
mms — Massachusetts Medical Society
mp — Medical Progress
on — Occasional Notes
* — Original Article
sa — Special Article
sb — Sounding Board
sr — Special Report
x — Correction

patterns in different locations in the hospital [Chazan & McKay] 320(9):597–c

Acromegaly
Successful pregnancy in a previously infertile woman treated with SMS-201-995 for acromegaly [Landolt & others] 320(10):671–c

Actinomycetales Infections
Actinomycotic tonsillitis with expectoration of sulfur granules [Drabick & Looney] 320(9):599–c

Activities of Daily Living
Multicenter study of autologous adrenal medullary transplantation to the corpus striatum in patients with advanced Parkinson's disease [Goetz & others] 320(6):337*

Acupuncture
Acute HIV infection after acupuncture treatments [Vittecoq & others] 320(4):250–c

Acyclovir
Acyclovir-resistant herpes simplex virus infections in patients with the acquired immunodeficiency syndrome [Erlich & others] 320(5):293–mi; [Hirsch & Schooley] 320(5): 313–e
Randomized, placebo-controlled trial of oral acyclovir for the prevention of cytomegalovirus disease in recipients of renal allografts [Balfour & others] 320(21):1381*
Successful treatment with foscarnet of an acyclovir-resistant mucocutaneous infection with herpes simplex virus in a patient with acquired immunodeficiency syndrome [Chatis & others] 320(5):297–mi; [Hirsch & Schooley] 320(5): 313–e

Acyl-CoA Dehydrogenases
Medium-chain acyl-CoA dehydrogenase deficiency [Millington & others] 320(18):1219–c

Adaptation, Physiological
Hypoferremia: adaptation to disease? [Kent & Weinberg] 320(10):672–c

Adenocarcinoma
"Hook effect": high concentrations of prostate-specific antigen giving artifactually low values on one-step immunoassay [Wolf & others] 320(26):1755–c
MGH Case Records (Case 14-1989): An 82-year-old woman with a complete left facial palsy and a left mastoid mass [Vernick & Goodman] 320(14):924–cpc

Adolescent Psychology
Teenagers' concerns about nuclear war [Poses & others] 320(2):127–c

Adrenal Gland Neoplasms
Case 46-1988: myelolipoma of adrenal gland [Holtzman & Bursztyn] 320(19):1284–c

Adrenal Medulla
Multicenter study of autologous adrenal medullary transplantation to the corpus striatum in patients with advanced Parkinson's disease [Goetz & others] 320(6):337*

Adrenergic Agents
Pseudo cerebral herniation due to phenylephrine nasal spray [Roberts] 320(26):1757–c

Adrenergic Alpha Receptor Agonists
Bronchial hyperresponsiveness to methacholine in patients with impaired left ventricular function [Cabanes & others] 320(20):1317*; [Fishman] 320(20):1346–e

Adrenergic Beta Receptor Agonists
Cooling of metered-dose inhalers decreases pressure output from canisters [Hampson & Mueller] 320(5):321–c

Adrenergic Beta Receptor Blockers
Combined beta-adrenergic and calcium-entry blockade in angina pectoris [Packer] 320(11):709–mi

Adrenergic Beta Receptors
Calcium-antagonist receptors in the atrial tissue of patients with hypertrophic cardiomyopathy [Wagner & others] 320(12):755*; [Braunwald] 320(12):800–e
Racial differences in drug response: altered sensitivity to and clearance of propranolol in men of Chinese descent as compared with American whites [Zhou & others] 320(9):565*; [Kalow] 320(9):588–e

Advertising
Endorsement of "patient promise" program [Schwartz & Bressler] 320(20):1354–c
Medical advice by celebrities [Dixon & Kriegman] 320(11): 742–c
Pharmaceutical advertising to left-handed physicians [Bland] 320(13):872–c

Agammaglobulinemia
Gamma globulin deficiency in newborns with congenital nephrotic syndrome [Mathias & others] 320(6):398–c, 320(18):1227–x

Aged
Delirium in the elderly patient [Lipowski] 320(9):578–mi
Depression in the elderly [Blazer] 320(3):164–mi; [Besdine] 320(3):181–e; [McDermott & others] 320(24):1627–c
Pathophysiology of urinary incontinence among institutionalized elderly persons [Resnick & others] 320(1):1*; [Anderl & others] 320(21):1421–c
Prevention of falls among the elderly [Tinetti & Speechley] 320(16):1055–mi
Urinary incontinence among elderly persons [Anderl & others] 320(21):1421–c
Using restraints in the elderly because of fear of litigation [Francis] 320(13):870–c

Age Factors
Comparison of childhood and adult Type I diabetes mellitus [Karjalainen & others] 320(14):881*

Agranulocytosis
Effects of recombinant human granulocyte colony-stimulating factor on neutropenia in patients with congenital agranulocytosis [Bonilla & others] 320(24):1574*

AIDS
Acute HIV infection after acupuncture treatments [Vittecoq & others] 320(4):250–c
Acyclovir-resistant herpes simplex virus infections in patients with the acquired immunodeficiency syndrome [Erlich & others] 320(5):293–mi; [Hirsch & Schooley] 320(5): 313–e
AIDS in the Americas: an emerging public health crisis [Quinn & others] 320(15):1005–e
Alternative therapies used by patients with AIDS [Hand] 320(10):672–c
Antibodies to HIV in saliva [Shoeman & others] 320(17): 1145–c
Case for wider use of testing for HIV infection [Rhame & Maki] 320(19):1248–sa
Controlling AIDS in Cuba: the logic of quarantine [Bayer & Healton] 320(15):1022–sr; [Quinn & others] 320(15): 1005–e
Direct measurement of human immunodeficiency virus seroconversions in a serially tested population of young adults in the United States Army, October 1985 to October 1987 [McNeil & others] 320(24):1581*
Disinfecting barbers' instruments [Koffler & Yust] 320(6): 402–c
Do physicians have an obligation to treat patients with AIDS? [Lennihan & others] 320(2):120–c
Experience with central venous catheters in patients with AIDS [Henry & others] 320(22):1496–c
Exposure of health care workers to the blood of patients infected with the human immunodeficiency virus [Manian & others] 320(20):1350–c
Failure of zidovudine to maintain remission in patients with AIDS [Bach] 320(9):594–c
Federal spending for illness caused by the human immunodeficiency virus [Winkenwerder & others] 320(24):1598–sa; [Rogers] 320(24):1623–e
Federal spending on AIDS — how much is enough? [Rogers] 320(24):1623–e
Female intravenous drug users and perinatal HIV transmission [Brown & others] 320(22):1493–c
GM-CSF with ganciclovir for the treatment of CMV retinitis in AIDS [Grossberg & others] 320(23):1560–c

HIV infection in pregnant women in Rhode Island, 1985 to 1988 [Maynard & Indacochea] 320(24):1626–c
HIV infection in sexual partners of HIV-seropositive patients with hemophilia [Laurian & others] 320(3):183–c
HIV-1, HIV-2, and HTLV-I infection in high-risk groups in Brazil [Cortes & others] 320(15):953*; [Quinn & others] 320(15):1005–e
HIV-2 infection in the United States [Ayanian & others] 320(21):1422–c
HTLV-I infection and arthropod vectors [Murphy & others] 320(17):1146–c
HTLV-I polymyositis in a patient also infected with the human immunodeficiency virus [Wiley & others] 320(15): 992–mi
Human immunodeficiency virus infection among employees in an African hospital [Allebeck & others] 320(24):1625–c
Human immunodeficiency virus infection of newborns [Katz & Wilfert] 320(25):1687–e
Human immunodeficiency virus type 1 infection in homosexual men who remain seronegative for prolonged periods [Imagawa & others] 320(22):1458*; [Haseltine] 320(22): 1487–e
Intravenous saline as adjunctive therapy for patients with AIDS given pentamidine [Goldfarb] 320(19):1281–c
Malingering doubt about factitious AIDS [Chiarello] 320(21):1423–c
Mandatory testing for HIV in federal prisons [Starchild & Quinlan] 320(5):315–c
MGH Case Records (Case 9-1989): A 32-year-old man with AIDS and a cavitary pulmonary lesion [Fanburg & Mark] 320(9):582–cpc
More on transmission of HIV by blood transfusion [Perkins & others] 320(7):463–c
New prognostic staging system for the acquired immunodeficiency syndrome [Justice & others] 320(21):1388–sa
Perinatal transmission of the human immunodeficiency virus type 1 to infants of seropositive women in Zaire [Ryder & others] 320(25):1637*; [Katz & Wilfert] 320(25):1687–e
Progressive disease due to ganciclovir-resistant cytomegalovirus in immunocompromised patients [Erice & others] 320(5):289–mi; [Hirsch & Schooley] 320(5):313–e
Prospective study of infants born to women seropositive for human immunodeficiency virus type 1 [Blanche & others] 320(25):1643*; [Katz & Wilfert] 320(25):1687–e
Prospective study of the risk of tuberculosis among intravenous drug users with human immunodeficiency virus infection [Selwyn & others] 320(9):545*
Recurrent syphilitic uveitis [Richards & others] 320(1):62–c
Relation between AIDS cases and HIV prevalence [Salzberg & Dolins] 320(14):936–c
Relation of serum antilymphocyte antibodies to the development of AIDS in HIV-seropositive men [Anderson & others] 320(26):1754–c
Resistance to antiviral drugs: the end of innocence [Hirsch & Schooley] 320(5):313–e
Screening for human immunodeficiency virus infections [Stoto & others] 320(7):461–c
Severe anogenital warts in a child with HIV infection [Laraque] 320(18):1220–c
Silent HIV infections [Haseltine] 320(22):1487–e
Successful treatment with foscarnet of an acyclovir-resistant mucocutaneous infection with herpes simplex virus in a patient with acquired immunodeficiency syndrome [Chatis & others] 320(5):297–mi; [Hirsch & Schooley] 320(5): 313–e
Toward a better classification system for HIV infection [Redfield & Tramont] 320(21):1414–e
Transmission of HIV infection from a woman to a man by oral sex [Spitzer & Weiner] 320(4):251–c
Transmission of retroviruses by transfusion of screened blood in patients undergoing cardiac surgery [Cohen & others] 320(18):1172*
Treatment and prophylaxis of *Isospora belli* infection in patients with the acquired immunodeficiency syndrome [Pape & others] 320(16):1044*
Use of recombinant antihemophilic factor in the treatment of two patients with classic hemophilia [White & others] 320(3):166–mi
Use of the polymerase chain reaction for early detection of the proviral sequences of human immunodeficiency virus in infants born to seropositive mothers [Rogers & others] 320(25):1649*; [Katz & Wilfert] 320(25):1687–e

AIDS-Related Complex
Severe anogenital warts in a child with HIV infection [Laraque] 320(18):1220–c

Albuminuria
Glomerular lesions and urinary albumin excretion in Type I diabetes without overt proteinuria [Chavers & others] 320(15):966*

Alcohol Drinking
Alcohol consumption and withdrawal in new-onset seizures [Edelsberg & others] 320(9):596–c

Alcohol, Ethyl
Alcohol-induced injury to the liver [Rao & others] 320(20): 1353–c
Comparative effectiveness and costs of inpatient and outpatient detoxification of patients with mild-to-moderate alcohol withdrawal syndrome [Hayashida & others] 320(6): 358–sa; [Klerman] 320(6):394–e
Treatment of alcoholism [Klerman] 320(6):394–e

Alcoholism
Alcoholic myopathy and cardiomyopathy [Diamond] 320(7): 458–e
Comparative effectiveness and costs of inpatient and outpatient detoxification of patients with mild-to-moderate alcohol withdrawal syndrome [Hayashida & others] 320(6): 358–sa; [Klerman] 320(6):394–e
Effects of alcoholism on skeletal and cardiac muscle [Urbano-Marquez & others] 320(7):409*; [Diamond] 320(7):458–e
Recognizing the alcoholic patient [Rudzinski & Stankaitis] 320(2):125–c
Treatment of alcoholism [Klerman] 320(6):394–e

Allergens
Association of asthma with serum IgE levels and skin-test reactivity to allergens [Burrows & others] 320(5):271*; [Platts-Mills & others] 320(25):1696–c
Asthma and serum levels of IgE [Platts-Mills & others] 320(25):1696–c

Alpha-Chain Disease
Nonsecretory α-chain disease with immunoproliferative small-intestinal disease [Matuchansky & others] 320(23): 1534–mi

Alpha-Fetoproteins
Improving methods of screening for Down's syndrome [White & others] 320(6):401–c

Alternative Medicine
Alternative therapies used by patients with AIDS [Hand] 320(10):672–c

Altitude Sickness
Acute mountain sickness [Callen & others] 320(22):1492–c

Alveolitis, Extrinsic Allergic
Maintenance of alveolitis in patients with chronic beryllium disease by beryllium-specific helper T cells [Saltini & others] 320(17):1103*

Alzheimer's Disease
Aging, amyloid, and Alzheimer's disease [Selkoe] 320(22): 1484–e
Amyloid A4 protein and its precursor in Down's syndrome and Alzheimer's disease [Rumble & others] 320(22):1446*; [Selkoe] 320(22):1484–e

Ambulatory Care
Comparative effectiveness and costs of inpatient and outpatient detoxification of patients with mild-to-moderate alcohol withdrawal syndrome [Hayashida & others] 320(6): 358–sa; [Klerman] 320(6):394–e
Education in ambulatory care — financing is one piece of the

puzzle [Bentley & others] 320(23):1531–sa; [Federman] 320(23):1556–e
How can we pay for graduate medical education in ambulatory care? [Eisenberg] 320(23):1525–sa; [Federman] 320(23):1556–e
Medical education in outpatient settings [Federman] 320(23):1556–e
Outpatient versus inpatient cardiac catheterization [Roehm & others] 320(14):938–c

Ambulatory Care Facilities
Pressure to keep prices high at a walk-in clinic [Yunker & others] 320(3):183–c

American Surgical Association
Industrial marketing and medical ethics [Bricker] 320(25): 1690–sb

5-Aminosalicylic Acid
Topical administration of 5-aminosalicylic acid: a therapeutic proposal for the treatment of pouchitis [Miglioli & others] 320(4):257–c

Amniocentesis
Prenatal diagnosis — advances bring new challenges [Mennuti] 320(10):661–e
Safety and efficacy of chorionic villus sampling for early prenatal diagnosis of cytogenetic abnormalities [Rhoads & others] 320(10):609*; [Mennuti] 320(10):661–e
Waiting for the amniocentesis [Hodge] 320(1):63–c

Amniotic Fluid
Methylene blue baby [Troche] 320(26):1756–c

Amyloid
Immunoreactivity of ceroid lipofuscin storage pigment in Batten disease with monoclonal antibodies to the amyloid beta-protein [Wisniewski & Maslinska] 320(4):256–c

Amyloid Protein A4
Aging, amyloid, and Alzheimer's disease [Selkoe] 320(22): 1484–e
Amyloid A4 protein and its precursor in Down's syndrome and Alzheimer's disease [Rumble & others] 320(22):1446*; [Selkoe] 320(22):1484–e

Amyotrophic Lateral Sclerosis
Lack of antibodies to *Borrelia burgdorferi* in patients with amyotrophic lateral sclerosis [Mandell & others] 320(4): 255–c

Analgesics
Analgesic nephropathy — a preventable renal disease [Bennett & DeBroe] 320(19):1269–e
Analgesic use and chronic renal disease [Sandler & others] 320(19):1238*; [Bennett & DeBroe] 320(19):1269–e

Anaphylaxis
Association of protamine IgE and IgG antibodies with life-threatening reactions to intravenous protamine [Weiss & others] 320(14):886*
Rubber anaphylaxis [Slater] 320(17):1126–mi

Anemia, Aplastic
Aplastic anemia after liver transplantation for non-A, non-B hepatitis [Forbes & others] 320(2):122–c

Anemia, Sickle Cell
Prophylactic transfusions in pregnant patients with sickle cell disease [Morrison & others] 320(19):1286–c

Angiitis
MGH Case Records (Case 8-1989): A 46-year-old woman with progressive dementia [Levine & Richardson] 320(8): 514–cpc

Angina Pectoris
Combined beta-adrenergic and calcium-entry blockade in angina pectoris [Packer] 320(11):709–mi

Angina, Unstable
Aspirin, heparin, or both to treat unstable angina [Spodick & others] 320(15):1014–c

Angiogenesis
Successful treatment of an angiogenic disease [Folkman] 320(18):1211–e
Treatment of pulmonary hemangiomatosis with recombinant interferon alfa-2a [White & others] 320(18):1197–mi; [Folkman] 320(18):1211–e

Angioplasty, Transluminal
Comparison of invasive and conservative strategies after treatment with intravenous tissue plasminogen activator in acute myocardial infarction: results of the Thrombolysis in Myocardial Infarction (TIMI) Phase II Trial [TIMI Study Group] 320(10):618*; [Guerci & Ross] 320(10): 663–e
TIMI II and the role of angioplasty in acute myocardial infarction [Guerci & Ross] 320(10):663–e

Angiotensin-Converting Enzyme
Converting-enzyme inhibitors in the treatment of hypertension [Hume & others] 320(26):1750–c

Animal Welfare
Animal care at Stanford [Novic & others] 320(5):322–c

Anorexia Nervosa
Prevalence of anorexia nervosa [Ben-Tovim & Morton] 320(11):736–c
Recurrent anorexia nervosa in a hypercholesterolemic woman treated with exercise and diet modification [Hatcher] 320(23):1564–c

Antibiotics
Randomized trial of nonoperative treatment for perforated peptic ulcer [Crofts & others] 320(15):970*

Antibiotics, Combined
Antibiotics for the treatment of febrile children with neutropenia and cancer [Rubin & others] 320(14):939–c

Antibodies
Association of protamine IgE and IgG antibodies with life-threatening reactions to intravenous protamine [Weiss & others] 320(14):886*
IgA antigliadin antibodies as a possible marker for IgA mesangial glomerulonephritis in adults with primary glomerulonephritis [Rostoker & others] 320(19):1283–c
Successful treatment of an acquired von Willebrand factor antibody by extracorporeal immunoadsorption [Uehlinger & others] 320(4):254–c

Antibodies, Bacterial
Lack of antibodies to *Borrelia burgdorferi* in patients with amyotrophic lateral sclerosis [Mandell & others] 320(4):255–c

Antibodies, Helminth
Antibodies to *Strongyloides stercoralis* in healthy Jamaican carriers of HTLV-I [Neva & others] 320(4):252–c

Antibodies, Monoclonal
Systemic reaction to the anti–T-cell monoclonal antibody OKT3 in relation to serum levels of tumor necrosis factor and interferon-α [Chatenoud & others] 320(21):1420–c

Antibodies, Viral
Hodgkin's disease and Epstein–Barr virus: altered antibody pattern before diagnosis [Mueller & others] 320(11):689*
Persistence of immunity to varicella in children with leukemia immunized with live attenuated varicella vaccine [Gershon & others] 320(14):892*
Persistent antibody response to the HIV-1-negative regulatory factor in HIV-1-infected seronegative persons [Amesen & others] 320(4):251–c

Anticoagulants
Hemostatic effect of tranexamic acid mouthwash in anticoagulant-treated patients undergoing oral surgery [Sindet-Pedersen & others] 320(13):840*

Antigens, Bacterial
Yersinia antigens in synovial-fluid cells from patients with reactive arthritis [Granfors & others] 320(4):216*; [Mills] 320(4):245–e

Antiinflammatory Agents, Nonsteroidal
Effect of omeprazole and ranitidine on ulcer healing and relapse rates in patients with benign gastric ulcer [Walan & others] 320(2):69*

Antilymphocyte Antibodies
Relation of serum antilymphocyte antibodies to the development of AIDS in HIV-seropositive men [Anderson & others] 320(26):1754–c

Antimalarials
Chemoprophylaxis and treatment of malaria [Williams & others] 320(23):1561–c

Antineoplastic Agents
Breast cancer therapy: exercising all our options [DeVita] 320(8):527–e
Efficacy of adjuvant chemotherapy in high-risk node-negative breast cancer: an intergroup study [Mansour & others] 320(8):485*; [Relman] 320(8):525–e; [McGuire] 320(8): 525–e; [DeVita] 320(8):527–e
Prolonged disease-free survival after one course of perioperative adjuvant chemotherapy for node-negative breast cancer [Ludwig Breast Cancer Study Group] 320(8):491*; [Relman] 320(8):525–e; [McGuire] 320(8):525–e; [DeVita] 320(8):527–e
Randomized clinical trial evaluating sequential methotrexate and fluorouracil in the treatment of patients with node-negative breast cancer who have estrogen-receptor–negative tumors [Fisher & others] 320(8):473*; [Relman] 320(8):525–e; [McGuire] 320(8):525–e; [DeVita] 320(8): 527–e
Recombinant GM-CSF in myelosuppression of chemotherapy [Pollak & others] 320(4):253–c
Recombinant human GM-CSF in myelosuppression of chemotherapy (continued) [Bar & others] 320(14):939–c
Antiviral Agents
Progressive disease due to ganciclovir-resistant cytomegalovirus in immunocompromised patients [Erice & others] 320(5):289–mi; [Hirsch & Schooley] 320(5):313–e
Resistance to antiviral drugs: the end of innocence [Hirsch & Schooley] 320(5):313–e
Successful treatment with foscarnet of an acyclovir-resistant mucocutaneous infection with herpes simplex virus in a patient with acquired immunodeficiency syndrome [Chatis & others] 320(5):297–mi; [Hirsch & Schooley] 320(5): 313–e
Anus
Topical administration of 5-aminosalicylic acid: a therapeutic proposal for the treatment of pouchitis [Miglioli & others] 320(4):257–c
Anxiety
Emotional distress during magnetic resonance imaging [Flaherty & Hoskinson] 320(7):467–c
Aortic Subvalvular Stenosis
Case 28-1988 [Feigl & Feigl] 320(6):401–c
Aortic-Valve Insufficiency
Case 28-1988 [Feigl & Feigl] 320(6):401–c
Aortocoronary Bypass
Conflict-of-interest guidelines for a multicenter clinical trial of treatment after coronary-artery bypass-graft surgery [Healy & others] 320(14):949–sr; [Relman] 320(14):933–e
MGH Case Records (Case 22-1989): Sudden collapse of a 17-year-old girl during exertion [Liberthson & Southern] 320(22):1475–cpc
Occlusive coronary-artery spasm as a cause of acute myocardial infarction after coronary-artery bypass grafting [Fischell & others] 320(6):400–c
Apolipoproteins B
Familial hypobetalipoproteinemia associated with a mutant species of apolipoprotein B (B-46) [Young & others] 320(24):1604–mi
Appetite Disorders
Bulimia nervosa [Sigman & others] 320(11):735–c
Arrhythmia
Longitudinal electrophysiologic assessment of asymptomatic patients with the Wolff–Parkinson–White electrocardiographic pattern [Klein & others] 320(19):1229*
Ventricular fibrillation during antiarrhythmic drug therapy [Rude & others] 320(8):537–c
Arsenic
Arsenic intoxication in a cocaine abuser [Lombard & others] 320(13):869–c
Arthritis, Infectious
Do bacteria cause chronic polyarthritis? [Mills] 320(4):245–e
Yersinia antigens in synovial-fluid cells from patients with reactive arthritis [Granfors & others] 320(4):216*; [Mills] 320(4):245–e
Arthropod Vectors
HTLV-I infection and arthropod vectors [Murphy & others] 320(17):1146–c
Asbestos
Asbestos-related diseases [Mossman & Gee] 320(26): 1721–mp
Asbestosis
Asbestos-related diseases [Mossman & Gee] 320(26): 1721–mp
Aspirin
Aspirin, heparin, or both to treat unstable angina [Spodick & others] 320(15):1014–c
Comparison of invasive and conservative strategies after treatment with intravenous tissue plasminogen activator in acute myocardial infarction: results of the Thrombolysis in Myocardial Infarction (TIMI) Phase II Trial [TIMI Study Group] 320(10):618*; [Guerci & Ross] 320(10): 663–c
Improvement of renal function with selective thromboxane antagonism in lupus nephritis [Pierucci & others] 320(7): 421*
Asthma
Absence of immunoreactive vasoactive intestinal polypeptide in tissue from the lungs of patients with asthma [Ollerenshaw & others] 320(19):1244*; [Said] 320(19): 1271–e
Association of asthma with serum IgE levels and skin-test reactivity to allergens [Burrows & others] 320(5):271*; [Platts-Mills & others] 320(25):1696–c
Asthma and serum levels of IgE [Platts-Mills & others] 320(25):1696–c
Community outbreaks of asthma associated with inhalation of soybean dust [Antó & others] 320(17):1097*
Cooling of metered-dose inhalers decreases pressure output from canisters [Hampson & Mueller] 320(5):321–c
Increasing severity of asthma from 1960 to 1987 [Williams] 320(15):1015–c
Vasoactive intestinal polypeptide and asthma [Said] 320(19):1271–e
Asthma, Cardiac
Bronchial hyperresponsiveness to methacholine in patients with impaired left ventricular function [Cabanes & others] 320(20):1317*; [Fishman] 320(20):1346–e
Cardiac asthma — a fresh look at an old wheeze [Fishman] 320(20):1346–e
Atherosclerosis
Beyond cholesterol: modifications of low-density lipoprotein that increase its atherogenicity [Steinberg & others] 320(14):915–mi
More on heparin for prevention of atherosclerosis [Goldstein & Shulman] 320(13):866–c
Athletic Injuries
Eye injuries to football players [Sherwood] 320(11): 742–c
Atrial Flutter
Holiday heart Type II [Kukin & others] 320(6):402–c
Atrial Natriuretic Factor
Atrial natriuretic factor and sodium intake in offspring of hypertensive and normotensive parents [van Hooft & others] 320(13):867–c
Atrial Natriuretic Peptides
Atrial natriuretic peptide and pulmonary edema [Spodick] 320(10):671–c
Plasma levels of atrial natriuretic peptide in transient left ventricular ischemia [Gasser & others] 320(26):1752–c
Attitude
Teenagers' concerns about nuclear war [Poses & others] 320(2):127–c
Attitude of Health Personnel
Concern for economic issues in health care as reflected in the medical literature [Markman] 320(3):188–c
Attitude to Death
Physician and the dying patient [Scofield & others] 320(23): 1557–c

Auricular Fibrillation
Atrial fibrillation induced by breath spray [Ridker & others] 320(2):124–c
Auscultation
Risk of stroke from carotid bruits [Bartlett & others] 320(14): 936–c
Autoantibodies
Autoimmune hyperchylomicronemia [Kihara & others] 320(19):1255–mi; [Brunzell & Austin] 320(19):1273–e
Comparison of childhood and adult Type I diabetes mellitus [Karjalainen & others] 320(14):881*
Detection of autoantibodies to recombinant mitochondrial proteins in patients with primary biliary cirrhosis [Van de Water & others] 320(21):1377*
Pathogenic effect of IgG4 autoantibodies in endemic pemphigus foliaceus (fogo selvagem) [Rock & others] 320(22): 1463*
Autoimmune Diseases
Autoimmune hyperchylomicronemia [Kihara & others] 320(19):1255–mi; [Brunzell & Austin] 320(19):1273–e
Mechanisms of response to treatment in autoimmune thrombocytopenic purpura [Gernsheimer & others] 320(15): 974*
Pathogenic effect of IgG4 autoantibodies in endemic pemphigus foliaceus (fogo selvagem) [Rock & others] 320(22): 1463*
Plasma triglyceride levels and coronary disease [Brunzell & Austin] 320(19):1273–e
AZT
Intravenous infusion of zidovudine (AZT) in children with HIV infection [Lischner & others] 320(12):805–c

B

Backache
Pedal pusher's palsy [Haig] 320(1):63–c
Baclofen
Intrathecal baclofen for severe spinal spasticity [Penn & others] 320(23):1517*; [Young] 320(23):1553–e
Treatment of spastic paresis [Young] 320(23):1553–e
Bacterial Infections
Antibiotics for the treatment of febrile children with neutropenia and cancer [Rubin & others] 320(14):939–c
Dexamethasone therapy for bacterial meningitis [Skapek & others] 320(7):463–c
Bacterial Vaccines
Group B streptococcal vaccine in pregnant women [Franciosi & others] 320(12):807–c
Barbering
Disinfecting barbers' instruments [Koffler & Yust] 320(6): 402–c
Barrett's Esophagus
Regression of Barrett's epithelium with omeprazole [Deviere & others] 320(22):1497–c
Benzoylecgonine
Ophthalmic use of cocaine and the urine test for benzoylecgonine [Bralliar & others] 320(26):1757–c
Beryllium
Maintenance of alveolitis in patients with chronic beryllium disease by beryllium-specific helper T cells [Saltini & others] 320(17):1103*
Beryllium Disease
Maintenance of alveolitis in patients with chronic beryllium disease by beryllium-specific helper T cells [Saltini & others] 320(17):1103*
Bezoars
Small-bowel obstruction caused by oat-bran bezoar [Cooper & Tracey] 320(17):1148–c
Bicycling
Case–control study of the effectiveness of bicycle safety helmets [Thompson & others] 320(21):1361*; [Callahan] 320(21):1412–e
Legislating safety — how far should we go? [Callahan] 320(21):1412–e
Pedal pusher's palsy [Haig] 320(1):63–c
Bilirubin
Retinopathy of prematurity and bilirubin [Heyman & others] 320(4):256–c
Birth Weight
Physician factor in cesarean birth rates [Goyert & others] 320(11):706–sa
Blacks
Differences in interleukin-2 production in blacks and whites [Ganguli & Rabin] 320(6):399–c
Prenatal care and low birth weight among blacks and whites [Oechsli & others] 320(15):1010–c
Bladder
Pathophysiology of urinary incontinence among institutionalized elderly persons [Resnick & others] 320(1):1*; [Anderl & others] 320(21):1421–c
Urinary incontinence among elderly persons [Anderl & others] 320(21):1421–c
Blood
Direct visualization of mycobacteria in blood culture [Moffie & others] 320(1):61–c
Exposure of health care workers to the blood of patients infected with the human immunodeficiency virus [Manian & others] 320(20):1350–c
Blood Circulation
Assessing acid–base status in circulatory failure: differences between arterial and central venous blood [Adrogué & others] 320(20):1312*; [Bleich] 320(20):1345–e
Clinical implications of venous carbon dioxide tension [Bleich] 320(20):1345–e
Blood Gas Analysis
Clinical implications of venous carbon dioxide tension [Bleich] 320(20):1345–e
Bloodletting
Needle-stick injury [Mezitis & others] 320(5):316–c
Blood Pressure
Increased blood pressure during potassium depletion in normotensive men [Krishna & others] 320(18):1177*
Racial differences in drug response: altered sensitivity to and clearance of propranolol in men of Chinese descent as compared with American whites [Zhou & others] 320(9):565*; [Kalow] 320(9):588–e
Renal insufficiency in treated essential hypertension [Rostand & others] 320(11):684*; [Klahr] 320(11):731–e
Risk factors for coronary artery disease in healthy persons with hyperinsulinemia and normal glucose tolerance [Zavaroni & others] 320(11):702*; [Foster] 320(11):733–e
Serum cholesterol levels and six-year mortality from stroke in 350,977 men screened for the multiple risk factor intervention trial [Iso & others] 320(14):904*
Blood Transfusion
More on transmission of HIV by blood transfusion [Perkins & others] 320(7):463–c
Prophylactic transfusions in pregnant patients with sickle cell disease [Morrison & others] 320(19):1286–c
Transmission of retroviruses by transfusion of screened blood in patients undergoing cardiac surgery [Cohen & others] 320(18):1172*
Yersinia enterocolitica serotype O:3 sepsis after blood transfusion [Bufill & Ritch] 320(12):810–c
Body Height
Low levels of high-affinity growth hormone–binding protein in African pygmies [Baumann & others] 320(26):1705*
Body Water
Pathogenesis of sodium and water retention [Munoz & Schrier] 320(23):1561–c
Body Weight
Cigarette smoking and body weight [Rigotti] 320(14):931–e
How accurate are hospital scales? [Schlegel-Pratt & Heizer] 320(3):189–c
Bone
Radiologic contributions to the investigation and prosecution of cases of fatal infant abuse [Kleinman & others] 320(8): 507–sa; [Krugman] 320(8):531–e

Reduced bone mass in daughters of women with osteoporosis [Seeman & others] 320(9):554*

Bone Diseases

Role of the vitamin D endocrine system in health and disease [Reichel & others] 320(15):980–mp

Bone Marrow

Clonal hematopoiesis demonstrated by X-linked DNA polymorphisms after allogeneic bone marrow transplantation [Turhan & others] 320(25):1655*

Effect of HLA compatibility on engraftment of bone marrow transplants in patients with leukemia or lymphoma [Anasetti & others] 320(4):197*

Recombinant GM-CSF in myelosuppression of chemotherapy [Pollak & others] 320(4):253–c

Recombinant human GM-CSF in myelosuppression of chemotherapy (continued) [Bar & others] 320(14):939–c

Serum lactate dehydrogenase in small-cell lung cancer [Van den Brande & Demedts] 320(1):61–c

Treatment of a marrow stem-cell disorder with granulocyte colony-stimulating factor [Quesenberry] 320(20): 1343–e

Bone Neoplasms

MGH Case Records (Case 13-1989): A 76-year-old woman with multiple bone lesions and thrombocytopenia [Brower & Rosenberg] 320(13):854–cpc

MGH Case Records (Case 14-1989): An 82-year-old woman with a complete left facial palsy and a left mastoid mass [Vernick & Goodman] 320(14):924–cpc

Book Reviews: Biomedical Science

Boyd's Introduction to the Study of Disease. 10th ed. (Sheldon) [Kane] 320(15):1018–br

Cell and Tissue Biology: A textbook of histology. 6th ed. (Weiss) [Trier] 320(15):1019–br

Cerebrospinal Fluid and the Brain Edemas. (Milhorat) [Welch] 320(26):1759–br

Clinical Anatomy. (Lindner) [Fullerton] 320(11):744–br

Developmental Biology. 2nd ed. (Gilbert) [Sabry] 320(13): 874–br

Essential Immunogenetics. (Williamson & Turner) [Nepom] 320(10):674–br

Essentials of Human Anatomy. 8th ed. (Woodburne & Burkel) [Fullerton] 320(11):744–br

Physiological Basis of Geriatrics. (Timiras) [Gurwitz] 320(7): 471–br

Textbook of Endocrine Physiology. (Griffin & Ojeda) [Wilber] 320(10):674–br

Book Reviews: Education, History, Biography, and Public Press

AIDS: The facts. (Langone) [Farrar] 320(13):873–br

AIDS: The ultimate challenge. (Kübler-Ross) [Pope] 320(3): 191–br

Alchemy of Survival: One woman's journey. (Mack) [Bursztajn] 320(14):944–br

American Pediatrics: The social dynamics of professionalism, 1880–1980. (Halpern) [Hubbell] 320(20):1357–br

Bag Balm and Duct Tape: Tales of a Vermont doctor. (Conger) [Borgenicht] 320(19):1288–br

Below the Magic Mountain: A social history of tuberculosis in twentieth-century Britain. (Bryder) [Scannell] 320(4):259–br

Curse: A cultural history of menstruation. (Delaney & others) [Glassman] 320(5):325–br

Eye, Brain, and Vision. (Hubel) [Haddad] 320(2):128–br

Here Tomorrow: Making the most of life after fifty. (Belsky) [Weg] 320(23):1566–br

Hidden Illness in the White House. (Crispell & Gomez) [Morris] 320(14):943–br

House Officer: Becoming a medical specialist. (Cohen) [Brooks] 320(25):1702–br

Intensive Care: Facing the critical choices. (Raffin & others) [Fink] 320(23):1566–br

Jury of My Peers: A surgeon's encounter with the malpractice crisis. (Snider) [Kapp] 320(14):945–br

Looking the Tiger in the Eye: Confronting the nuclear threat. (Feldbaum & Bee) [Constable] 320(15):1018–br

Mortal Choices: Ethical dilemmas in modern medicine. (Macklin) [Reiser] 320(9):603–br

Natural Obsessions: The search for the oncogene. (Angier) [Van Niel] 320(14):944–br

Paleolithic Prescription: A program of diet and exercise and a design for living. (Eaton & others) [Stare] 320(23):1567–br

Pasteurization of France. (Latour) [Ferngren] 320(15):1017–br

Perfecting the World: The life and times of Dr. Thomas Hodgkin. (Kass & Kass) [Geiger] 320(15):1017–br

Premenstrual Syndrome. (Keye) [Glassman] 320(5):325–br

Private Acts, Social Consequences: AIDS and the politics of public health. (Bayer) [Murphy] 320(23):1565–br

Prostate Book: Sound advice on symptoms and treatment. (Rous) [Richie] 320(12):813–br

Quiet Ear: Deafness in literature. (Grant) [Zbar] 320(14): 945–br

Smallpox Story in Words and Pictures. (Behbehani) [Ferngren] 320(15):1017–br

Stories of Sickness. (Brody) [Hunter] 320(19):1289–br

Sutured Words: Contemporary poetry about medicine. (Mukand) [Udvarhelyi] 320(4):260–br

Taste of My Own Medicine: When the doctor is the patient. (Rosenbaum) [Spiro] 320(23):1567–br

Yankee Surgeon: The life and times of Usher Parsons, 1788–1868. (Goldowsky) [Peabody] 320(14):943–br

Book Reviews: Health Policy

Bitter Pill: Tough choices in America's health policy. (Sorian) [de Lissovoy] 320(9):601–br

Care and Punishment: The dilemmas of prison medicine. (Prout & Ross) [Dubler] 320(25):1701–br

Caring for the Disabled Elderly: Who will pay? (Rivlin & Wiener) [Morris] 320(12):812–br

Competition in the Health Care Sector: Ten years later. (Greenberg) [Phelps] 320(19):1288–br

Confronting AIDS: Update 1988. (Institute of Medicine) [Gupta] 320(3):190–br

Cost, Quality, and Access in Health Care: New roles for health planning in a competitive environment. (Sloan & others) [Phelps] 320(19):1288–br

Demand for Quality: Measuring excellence in healthcare. (Hospital Satellite Network) [Trauner] 320(9):602–br

Health of the Republic: Epidemics, medicine, and moralism as challenges to democracy. (Beauchamp) [McEachern & Neuhauser] 320(25):1701–br

Homelessness, Health, and Human Needs. (Institute of Medicine) [McEachern & Neuhauser] 320(25):1701–br

Liability: The legal revolution and its consequences. (Huber) [Gostin] 320(14):946–br

Malpractice Suit: A survival guide for physicians and their families. (Chedd & others) [Manuel] 320(25):1702–br

Morality: A new justification of the moral rules. (Gert) [Peterson] 320(9):603–br

Perspectives on Quality in American Health Care. (Hughes) [Lissovoy] 320(9):601–br

Renewing the Promise: Medicare and its reform. (Blumenthal & others) [Kane] 320(9):603–br

Surrogate Motherhood: The legal and human issues. (Field) [Raviele] 320(13):875–br

Task of Medicine: Dialogue at Wickenburg. (White) [Thielman] 320(9):602–br

Treat Me Right: Essays in medical law and ethics. (Kennedy) [Sadoff] 320(4):260–br

Book Reviews: Medicine

AIDS and AIDS Risk Patient Care. (Jager) [Lerner] 320(3): 190–br

AIDS: Etiology, diagnosis, treatment, and prevention. 2nd ed. (DeVita & others) [Schlossberg] 320(13):873–br

Breast Diseases. (Harris & others) [Durant] 320(24):1632–br

Cardiovascular Disease in the Elderly. 2nd ed. (Messerli) [Kirkendall] 320(7):470–br

Clinical Diagnosis: A physiologic approach. 5th ed. (Judge & others) [Michael] 320(21):1432–br

Color Atlas and Textbook of Diagnostic Microbiology. 3rd ed. (Koneman & others) [Judson & Ehret] 320(10):675–br

Color Atlas of AIDS. (Friedman-Kien) [Bernhard] 320(13): 874–br
Comprehensive Electrocardiology: Theory and practice in health and disease. (Macfarlane & Lawrie) [Klein] 320(22): 1502–br
Coronary Angioplasty. (Goldberg) [Cohen] 320(10):676–br
Essentials of Family Medicine. (Sloane & others) [Little] 320(10):675–br
Family Medicine: Principles and practice. 3rd ed. (Taylor) [Onion & Schneid] 320(7):469–br
Gastrointestinal Disease: Pathophysiology, diagnosis, management. 4th ed. (Sleisenger & Fordtran) [Ritsema & Friedman] 320(21):1433–br
Immunological Diagnosis of Sexually Transmitted Diseases. (Young & McMillan) [John] 320(3):191–br
Low Back Pain: Medical diagnosis and comprehensive management. (Borenstein & Wiesel) [Bennett] 320(11):745–br
Management of Angina Pectoris. (Patterson) [Cohn] 320(469–br
Medical Genetics: Principles and practice. 3rd ed. (Nora & Fraser) [Ledley] 320(21):1432–br
Medical Management of AIDS. (Sande & Volberding) [Lerner] 320(3):190–br
Nonatherosclerotic Ischemic Heart Disease. (Virmani & Forman) [Pape] 320(22):1501–br
Parasitic Infections in the Compromised Host. (Walzer & Genta) [Simpson] 320(21):1433–br
Parasitic Infections. (Leech & others) [Simpson] 320(21): 1433–br
Practice of Cardiology. 2nd ed. (Eagle & others) [Fowles] 320(22):1501–br
Principles and Practice of Gastroenterology and Hepatology. (Gitnick) [Kirkpatrick] 320(10):675–br
Principles and Practice of Medicine. 22nd ed. (Harvey & others) [Brett] 320(7):468–br
Textbook of Physical Diagnosis: History and examination. (Swartz) [Jackson] 320(21):1431–br

Book Reviews: Neurology and Psychiatry

AIDS in the Nervous System. (Lechtenberg & Sher) [Salcman] 320(3):192–br
American Psychiatric Press Textbook of Psychiatry. (Talbott & others) [Swanson] 320(2):130–br
Anxiety and Depressive Disorders in the Medical Patient. (Derogatis & Wise) [Kelly] 320(16):1089–br
Anxiety and Its Disorders: The nature and treatment of anxiety and panic. (Barlow) [Callan] 320(16):1090–br
Basic Adolescent Psychiatry. (Steinberg) [Armentano] 320(16): 1090–br
Bulimia: Psychoanalytic treatment and theory. (Schwartz) [Gelman] 320(16):1090–br
Child Molester: An integrated approach to evaluation and treatment. (Barnard & others) [Shaw] 320(16):1091–br
Depression and Mania. (Georgotas & Cancro) [Oxenkrug] 320(2):129–br
Electroencephalography: Basic principles, clinical applications, and related fields. 2nd ed. (Niedermeyer & Lopes da Silva) [Spire] 320(2):128–br
Medical Neuropsychology: The impact of disease on behavior. (Tarter & others) [Benca] 320(2):127–br
Neurocutaneous Diseases: A practical approach. (Gomez) [Lambert & Koenigsberger] 320(2):128–br
Neurology for the Non-Neurologist. 2nd ed. (Weiner & Goetz) [Woods] 320(26):1758–br
Neuromuscular Diseases: A practical approach to diagnosis and management. (Swash & Schwartz) [Jones] 320(26):1758–br
Persistent Pain: Psychosocial assessment and intervention. (Lynch & Vasudevan) [Rosenbaum] 320(11):744–br
Psyche and Schizophrenia: The bond between affect and logic. (Ciompi) [Wells] 320(16):1089–br
Psychiatric House Calls. (Talbott & Manevitz) [Mufson] 320(2):129–br
Sentenced to Hospital: Offenders in Broadmoor. (Dell & Robertson) [Prout] 320(25):1700–br
Sexuality and Chronic Illness: A comprehensive approach. (Schover & Jensen) [Stewart] 320(5):324–br

Book Reviews: Pathology

Autopsy: Medical practice and public policy. (Hill & Anderson) [Cotran] 320(13):875–br
Biopsy Pathology and Cytology of the Cervix. (Coleman & Evans) [Maygarden] 320(5):324–br
Biopsy Pathology of the Liver. 2nd ed. (Patrick & McGee) [Maygarden] 320(5):324–br
Concise Renal Pathology (excluding Neoplasm). (Dische) [Rennke] 320(7):470–br
Diagnostic Electron Microscopy: A text/atlas. (Dickersin) [Monnat] 320(15):1019–br
Diagnostic Immunopathology. (Colvin & others) [Gill] 320(22): 1501–br
Handbook of Fine Needle Aspiration Biopsy Cytology. 2nd ed. (Kline) [Gould] 320(12):814–br
Immunopathology of Renal Disease. (Wilson) [Banner] 320(22): 1500–br
Soft Tissue Tumors. 2nd ed. (Enzinger & Weiss) [Fallon] 320(12):814–br

Book Reviews: Pediatrics

Ambulatory Pediatric Care. (Dershewitz) [Steinberg] 320(1): 64–br
Beginning Child Psychiatry. (Adams & Fras) [McConville] 320(1):65–br
Child Sexual Abuse: A handbook for health care and legal professionals. (Schetky & Green) [Dubler] 320(1):65–br
Developmental Disabilities: Delivery of medical care for children and adults. (Rubin & Crocker) [Oh] 320(12):814–br
Malformed Fetus and Stillbirth: A diagnostic approach. (Winter & others) [Baldwin] 320(20):1356–br
Pediatric Cardiology for Practitioners. 2nd ed. (Park) [Harris] 320(1):64–br
Pediatric Medicine. (Avery & First) [Stein & Merritt] 320(20): 1358–br
Smith's Recognizable Patterns of Human Deformation. 2nd ed. (Graham) [Baldwin] 320(20):1356–br
Smith's Recognizable Patterns of Human Malformation. 4th ed. (Jones) [Baldwin] 320(20):1356–br

Book Reviews: Public Health and Environmental and Occupational Medicine

AIDS Challenge: Prevention education for young people. (Quackenbush & Nelson) [Schooley] 320(23):1566–br
Contaminated Communities: The social and psychological impacts of residential toxic exposure. (Edelstein) [Holtgrave] 320(19): 1287–br
Investing in Employee Health: A guide to effective health promotion in the workplace. (Sloan & others) [Frumkin] 320(4):261–br
Low-Level Radioactive Waste Regulation: Science, politics, and fear. (Burns) [Davis] 320(4):261–br
Public Health and Human Ecology. (Last) [Jonas] 320(4):260–br
Understanding and Preventing AIDS: A book for everyone. 2nd ed. (Jennings) [Schooley] 320(23):1566–br

Book Reviews: Radiology

Atlas of Clinical Nuclear Medicine. (Fogelman & Maisey) [Levine & Burnett] 320(17):1153–br
Atlas of Mammography: Histologic and mammographic correlations. 2nd ed. (Martin) [Stark] 320(8):541–br
Atlas of Obstetrical Ultrasound. (Benson & others) [Julian] 320(5):323–br
Cardiovascular Nuclear Medicine. (Lyons) [Winter] 320(17): 1153–br
Cerebral Computed Tomography: A text–atlas. 3rd ed. (Weisberg & Nice) [Janower] 320(26):1759–br
Diagnostic Nuclear Medicine. 2nd ed. (Gottschalk & others) [Waxman] 320(17):1152–br
Diagnostic Sonography: Principles and clinical applications. (Fleischer & James) [McArdle] 320(17):1154–br
Magnetic Resonance Imaging in Diseases of the Nervous System: An introduction. (Moseley) [Naidich] 320(26):1759–br
Magnetic Resonance Imaging of the Body. (Higgins & Hricak) [Adams] 320(17):1154–br

Nuclear Medicine: Applications to surgery. (Davies & Thomas) [Gale] 320(17):1153–br
Radiology of AIDS. (Federle & others) [Moore] 320(3):192–br
Radiology of the Esophagus. (Levine) [Moore] 320(24):1632–br
Renal Cystic Disease. (Hartman) [Cohen] 320(22):1502–br

Book Reviews: Reproductive Biology and Obstetrics and Gynecology
Cesarean Delivery. (Phelan & Clark) [Sachs & Gregory] 320(5):323–br
Clinical Gynecologic Endocrinology and Infertility. 4th ed. (Speroff & others) [Parmley] 320(13):874–br
Diabetes Mellitus in Pregnancy: Principles and practice. (Reece & Coustan) [Gabbe] 320(20):1357–br
Douglas–Stromme Operative Obstetrics. 5th ed. (Zuspan & Quilligan) [Flood & Sachs] 320(20):1356–br
In Vitro Fertilization and Other Assisted Reproduction. (Jones & Schrader) [Thompson] 320(20):1355–br
Medical Counseling before Pregnancy. (Hollingsworth & Resnik) [Little] 320(5):323–br
Sex Therapy Manual. (Gillan) [Nadelson] 320(2):129–br

Book Reviews: Special Services
Don't Accept Me As I Am: Helping "retarded" people to excel. (Feuerstein & others) [Goldman] 320(1):65–br
Management of Wilderness and Environmental Emergencies. 2nd ed. (Auerbach & Geehr) [West] 320(21):1434–br
Rehabilitation Medicine. (Goodgold) [Lavine] 320(19):1289–br
Sports Medicine: Fitness, training, injuries. 3rd ed. (Appenzeller) [Rankin] 320(8):543–br
Textbook of Critical Care. 2nd ed. (Shoemaker & others) [Fink] 320(6):405–br

Book Reviews: Surgery
Acupuncture: Textbook and atlas. (Stux & Pomeranz) [Katz] 320(11):743–br
Anesthesia and the Heart Patient. (Estafanous) [Moyers] 320(22):1502–br
Angioscopy: Vascular and coronary applications. (White & White) [Donaldson] 320(6):404–br
Anorectal Surgery. (Decosse & Todd) [Rodkey] 320(6):403–br
Aortic Surgery. (Bergan & Yao) [Gould] 320(24):1631–br
Applications of Noninvasive Vascular Techniques. (Gerlock & others) [Bergan] 320(6):404–br
Atlas of Corneal Disease. (Mandel & Wagoner) [Steinkuller] 320(18):1225–br
Breast Cancer: Collaborative management. (Harness & others) [Storm] 320(8):540–br
Cancer of the Breast. 3rd ed. (Donegan & Spratt) [Storm] 320(8):540–br
Clinical Anatomy for Anesthesiologists. (Snell & Katz) [Vandam] 320(11):743–br
Clinical Ocular Oncology. (Char) [Jakobiec] 320(24):1633–br
Colon and Rectal Surgery. 2nd ed. (Corman) [DeCosse] 320(18): 1225–br
Colour Atlas of Surgical Anatomy of the Abdomen in the Living Subject. (Calne) [Herrmann] 320(6):405–br
Controversies and Innovations in Urological Surgery. (Gingell & Abrams) [Libertino] 320(24):1632–br
Controversies in Breast Disease. (Grundfest-Broniatowski & Esselstyn) [Storm] 320(8):540–br
Difficult Diagnosis in Urology. (McCullough) [Warden] 320(24):1632–br
Essentials of General Surgery. (Lawrence) [Moore & Rising] 320(6):403–br
Essential Surgical Practice. 2nd ed. (Cuschieri & others) [Fiddian-Green] 320(6):403–br
Hand. 3rd ed. (Milford) [King] 320(8):542–br
Kidney Transplantation. (Toledo-Pereyra) [Kirkman] 320(18): 1223–br
Kidney Transplantation: Principles and practice. 3rd ed. (Morris) [Kirkman] 320(18):1223–br
Limb Salvage and Amputation for Vascular Disease. (Greenhalgh & others) [Persson] 320(18):1224–br
Management of Esophageal Disease. (Skinner & Belsey) [Sugarbaker] 320(24):1631–br
Maxillofacial Trauma. (Alling & Osbon) [Zarem] 320(8): 542–br
Neonatal Anesthesia. (Cook & Marcy) [Stanton-Hicks] 320(11):742–br
Noninvasive Diagnostics in Vascular Disease. (Fronek) [Bergan] 320(6):404–br
Obstetric Anesthesia. (Ramanathan) [Malinow] 320(5):324–br
Pediatric Orthopedics in Clinical Practice. 2nd ed. (Scoles) [Wasilewski] 320(1):64–br
Principles of Organ Transplantation. (Flye) [Kirkman] 320(18): 1223–br
Renal Transplantation. (Milford) [Corry] 320(18):1224–br
Risk and Outcome in Anesthesia. (Brown) [Soloniuk & McPeek] 320(11):743–br
Surgery of the Eye. (Waltman & others) [Hersh] 320(8):542–br
Surgical Care of the Elderly. (Meakins & McClaran) [Eberlein] 320(12):813–br
Transplantation of the Liver. (Maddrey) [Jenkins & Lewis] 320(18):1224–br
Urologic Surgery in Neonates and Young Infants. (King) [Howards] 320(12):813–br
Vascular Birthmarks: Hemangiomas and malformations. (Mulliken & Young) [Hentz] 320(18):1225–br

Book Reviews: Miscellaneous
Doctors' Marriages: A look at the problems and their solutions. (Myers) [Kramer] 320(14):943–br
M.D.: Doctors talk about themselves. (Pekkanen) [Kramer] 320(14):943–br

Borrelia
Lack of antibodies to *Borrelia burgdorferi* in patients with amyotrophic lateral sclerosis [Mandell & others] 320(4): 255–c
Lyme disease [Hamlet & others] 320(24):1626–c
Rapid emergence of a focal epidemic of Lyme disease in coastal Massachusetts [Lastavica & others] 320(3):133*; [Hamlet & others] 320(24):1626–c
Seronegative Lyme disease [Relman & others] 320(19): 1279–c

Brachial Plexus
Brachial plexus injury due to vest restraints [Scott & Gross] 320(9):598–c

Bradycardia
Provocation of bradycardia and hypotension by isoproterenol and upright posture in patients with unexplained syncope [Almquist & others] 320(6):346*; [Abboud] 320(6):390–e

Brain
Brain donation [Stopa & Bird] 320(1):62–c

Brain Diseases
Delirium in the elderly patient [Lipowski] 320(9):578–mi

Brain Neoplasms
MGH Case Records (Case 7-1989): Unilateral exophthalmos three years after treatment of cervical and mediastinal Hodgkin's disease [Jakobiec & Ferry] 320(7):447–cpc

Breast Neoplasms
Adjuvant therapy of node-negative breast cancer [McGuire] 320(8):525–e
Adjuvant treatment of early breast cancer [Relman] 320(8): 525–e
Breast cancer therapy: exercising all our options [DeVita] 320(8):527–e
Efficacy of adjuvant chemotherapy in high-risk node-negative breast cancer: an intergroup study [Mansour & others] 320(8):485*; [Relman] 320(8):525–e; [McGuire] 320(8): 525–e; [DeVita] 320(8):527–e
Eight-year results of a randomized clinical trial comparing total mastectomy and lumpectomy with or without irradiation in the treatment of breast cancer [Fisher & others] 320(13):822*
ICRF-187 and doxorubicin-induced cardiac toxicity [Halliwell & others] 320(6):399–c
MGH Case Records (Case 14-1989): An 82-year-old woman with a complete left facial palsy and a left mastoid mass [Vernick & Goodman] 320(14):924–cpc

Prediction of relapse or survival in patients with node-negative breast cancer by DNA flow cytometry [Clark & others] 320(10):627*
Prolonged disease-free survival after one course of perioperative adjuvant chemotherapy for node-negative breast cancer [Ludwig Breast Cancer Study Group] 320(8):491*; [Relman] 320(8):525–e; [McGuire] 320(8):525–e; [DeVita] 320(8):527–e
Randomized clinical trial evaluating sequential methotrexate and fluorouracil in the treatment of patients with node-negative breast cancer who have estrogen-receptor–negative tumors [Fisher & others] 320(8):473*; [Relman] 320(8):525–e; [McGuire] 320(8):525–e; [DeVita] 320(8):527–e
Randomized clinical trial evaluating tamoxifen in the treatment of patients with node-negative breast cancer who have estrogen-receptor–positive tumors [Fisher & others] 320(8):479*; [Relman] 320(8):525–e; [McGuire] 320(8):525–e; [DeVita] 320(8):527–e
Therapy for early breast cancer [Heath & Early Breast Cancer Trialists' Collaborative Group] 320(23):1558–c

Bronchi
Bronchial hyperresponsiveness to methacholine in patients with impaired left ventricular function [Cabanes & others] 320(20):1317*; [Fishman] 320(20):1346–e

Bronchial Spasm
Bronchial hyperresponsiveness to methacholine in patients with impaired left ventricular function [Cabanes & others] 320(20):1317*; [Fishman] 320(20):1346–e

Bronchopneumonia
Case 49-1988: *Histoplasma capsulatum* or *Blastomyces dermatitidis*? [Sugar & Mark] 320(25):1699–c

Bronchopulmonary Dysplasia
Controlled trial of dexamethasone in preterm infants at high risk for bronchopulmonary dysplasia [Cummings & others] 320(23):1505*; [Stahlman] 320(23):1551–e
High-frequency oscillatory ventilation compared with conventional mechanical ventilation in the treatment of respiratory failure in preterm infants [HIFI Study Group] 320(2):88*; [Froese & others] 320(25):1694–c
Medical complications in premature infants: is treatment enough? [Stahlman] 320(23):1551–e
Multicenter randomized, placebo-controlled trial of surfactant therapy for respiratory distress syndrome [Horbar & others] 320(15):959*
Randomized, controlled trial of very early prophylactic ligation of the ductus arteriosus in babies who weighed 1000 g or less at birth [Cassady & others] 320(23):1511*; [Stahlman] 320(23):1551–e

Bulimia
Bulimia nervosa [Sigman & others] 320(11):735–c

Bundle of His
Closed-chest ablation of retrograde conduction in patients with atrioventricular nodal reentrant tachycardia [Haissaguerre & others] 320(7):426*; [Scheinman] 320(7):460–e

Buserelin
Controlled study of luteinizing hormone–releasing hormone agonist (buserelin) for the induction of folliculogenesis before in vitro fertilization [MacLachlan & others] 320(19):1233*

C

Cadaver
Practicing intubation of the newly dead [Stryker & others] 320(6):396–c

Calcitriol
Abnormalities in parathyroid hormone secretion and 1,25-dihydroxyvitamin D_3 formation in women with osteoporosis [Silverberg & others] 320(5):277*; [Franz & others] 320(25):1697–c
Role of the vitamin D endocrine system in health and disease [Reichel & others] 320(15):980–mp

Calcium
Control of serum phosphorus in uremia [Coburn & Salusky] 320(17):1140–e
Effect of the time of administration of calcium acetate on phosphorus binding [Schiller & others] 320(17):1110*; [Coburn & Salusky] 320(17):1140–e

Calcium Acetate
Effect of the time of administration of calcium acetate on phosphorus binding [Schiller & others] 320(17):1110*; [Coburn & Salusky] 320(17):1140–e

Calcium Channels
Calcium-antagonist receptors in the atrial tissue of patients with hypertrophic cardiomyopathy [Wagner & others] 320(12):755*; [Braunwald] 320(12):800–e
Combined beta-adrenergic and calcium-entry blockade in angina pectoris [Packer] 320(11):709–mi
Hypertrophic cardiomyopathy — continued progress [Braunwald] 320(12):800–e

Canada
American medicine at the crossroads: signs from Canada [Relman] 320(9):590–e
Controlling health expenditures — the Canadian reality [Evans & others] 320(9):571–sa; [Relman] 320(9):590–e

Captopril
Converting-enzyme inhibitors in the treatment of hypertension [Hume & others] 320(26):1750–c

Carbamazepine
Pattern of malformations in the children of women treated with carbamazepine during pregnancy [Jones & others] 320(25):1661*

Carbamylphosphate Synthetase I
Persistent acitrullinemia after liver transplantation for carbamylphosphate synthetase deficiency [Tuchman] 320(22):1498–c

Carbon Dioxide
Assessing acid–base status in circulatory failure: differences between arterial and central venous blood [Adrogué & others] 320(20):1312*; [Bleich] 320(20):1345–e
Clinical implications of venous carbon dioxide tension [Bleich] 320(20):1345–e

Carbon Monoxide
Carbon monoxide toxicity in a man working outdoors with a gasoline-powered hydraulic machine [Huff & Kardon] 320(23):1564–c
"Low yield" cigarettes and the risk of nonfatal myocardial infarction in women [Palmer & others] 320(24):1569*; [Benowitz] 320(24):1619–e

Carcinoid Tumor
MGH Case Records (Case 15-1989): A 52-year-old man with neurofibromatosis and jaundice [Erbe & Compton] 320(15):996–cpc

Carcinoma, Oat-Cell
Serum lactate dehydrogenase in small-cell lung cancer [Van den Brande & Demedts] 320(1):61–c

Cardiac Output
High-output cardiac failure in multiple myeloma [Leporrier & others] 320(21):1419–c

Cardiology
Facsimile machines for cardiologists [Ader] 320(24):1629–c

Cardiomyopathy, Alcoholic
Alcoholic myopathy and cardiomyopathy [Diamond] 320(7):458–e
Effects of alcoholism on skeletal and cardiac muscle [Urbano-Marquez & others] 320(7):409*; [Diamond] 320(7):458–e

Cardiomyopathy, Dilated
Bronchial hyperresponsiveness to methacholine in patients with impaired left ventricular function [Cabanes & others] 320(20):1317*; [Fishman] 320(20):1346–e

Cardiomyopathy, Hypertrophic
Calcium-antagonist receptors in the atrial tissue of patients with hypertrophic cardiomyopathy [Wagner & others] 320(12):755*; [Braunwald] 320(12):800–e
Clinical course and prognosis of hypertrophic cardiomyopa-

thy in an outpatient population [Spirito & others] 320(12): 749*; [Braunwald] 320(12):800–e
Hypertrophic cardiomyopathy — continued progress [Braunwald] 320(12):800–e

Cardiotonic Agents
Comparison of oral milrinone, digoxin, and their combination in the treatment of patients with chronic heart failure [DiBianco & others] 320(11):677*; [Cohn] 320(11): 729–e
Inotropic therapy for heart failure: paradise postponed [Cohn] 320(11):729–e

Career Choice
Will we face a crisis in biomedical-research brainpower in the 21st century? [Bickel & others] 320(16):1086–c

Carotid Arteries
Risk of stroke from carotid bruits [Bartlett & others] 320(14): 936–c

Carotid Artery Diseases
Risk of stroke from carotid bruits [Bartlett & others] 320(14): 936–c

Carotid Artery, Internal
"Bottoms up" dissection [Trosch & others] 320(23):1564–c

Carrier State
Antibodies to *Strongyloides stercoralis* in healthy Jamaican carriers of HTLV-I [Neva & others] 320(4):252–c
Relation between AIDS cases and HIV prevalence [Salzberg & Dolins] 320(14):936–c

Case Records of the Massachusetts General Hospital
MGH Case Records (Case 1-1989): A 50-year-old man with alcoholic cirrhosis and gastrointestinal hemorrhage [Kelsey & Fitzgibbon] 320(1):43–cpc
MGH Case Records (Case 2-1989): A 59-year-old woman with asthma and multiple pulmonary nodules [Levine & Mark] 320(2):108–cpc
MGH Case Records (Case 3-1989): A 23-year-old man with recurrent bouts of abdominal pain and vomiting [Margolies & Compton] 320(3):171–cpc
MGH Case Records (Case 4-1989): Sudden onset of abdominal pain and hematemesis in a 56-year-old woman [Kaplan & Compton] 320(4):235–cpc
MGH Case Records (Case 5-1989): A 27-year-old Greek woman with portal-vein thrombosis and an epigastric mass [Banks & Rosenberg] 320(5):301–cpc
MGH Case Records (Case 6-1989): A 57-year-old man with increasing dyspnea and a mediastinal mass [Nardell & Mark] 320(6):380–cpc, 320(9):607–x
MGH Case Records (Case 7-1989): Unilateral exophthalmos three years after treatment of cervical and mediastinal Hodgkin's disease [Jakobiec & Ferry] 320(7):447–cpc
MGH Case Records (Case 8-1989): A 46-year-old woman with progressive dementia [Levine & Richardson] 320(8): 514–cpc
MGH Case Records (Case 9-1989): A 32-year-old man with AIDS and a cavitary pulmonary lesion [Fanburg & Mark] 320(9):582–cpc
MGH Case Records (Case 10-1989): A 60-year-old man with a large right atrial mass [Garan & Horowitz] 320(10): 652–cpc
MGH Case Records (Case 11-1989): A 57-year-old woman with recurrent skin lesions, arthritis, and renal dysfunction [Moscicki & Colvin] 320(11):718–cpc
MGH Case Records (Case 12-1989): A 24-year-old Haitian man with right flank pain and recent fever [Carpenter & Sullinger] 320(12):790–cpc
MGH Case Records (Case 13-1989): A 76-year-old woman with multiple bone lesions and thrombocytopenia [Brower & Rosenberg] 320(13):854–cpc
MGH Case Records (Case 14-1989): An 82-year-old woman with a complete left facial palsy and a left mastoid mass [Vernick & Goodman] 320(14):924–cpc
MGH Case Records (Case 15-1989): A 52-year-old man with neurofibromatosis and jaundice [Erbe & Compton] 320(15):996–cpc
MGH Case Records (Case 16-1989): A 36-year-old man with peripheral vascular disease [O'Donnell & Horowitz] 320(16):1068–cpc
MGH Case Records (Case 17-1989): A 58-year-old man with cavitary lung disease [Epler & Mark] 320(17): 1130–cpc
MGH Case Records (Case 18-1989): A 52-year-old woman with left-lower-quadrant abdominal pain, fever, and splenic infarcts [Skillman & Southern] 320(18):1201–cpc
MGH Case Records (Case 19-1989): A 41-year-old woman with mitral stenosis, exertional dyspnea, and persistent hoarseness [Wheeler & Block] 320(19):1260–cpc
MGH Case Records (Case 20-1989): A 33-year-old woman with exertional dyspnea and Raynaud's phenomenon [Kanarek & Mark] 320(20):1333–cpc
MGH Case Records (Case 21-1989): A newborn girl with respiratory distress and vesicular skin lesions [Rothman & Imber] 320(21):1399–cpc
MGH Case Records (Case 22-1989): Sudden collapse of a 17-year-old girl during exertion [Liberthson & Southern] 320(22):1475–cpc
MGH Case Records (Case 23-1989): A 25-year-old woman with a right pulmonary density 14 months after a right upper lobectomy for an atypical carcinoid tumor [Daly & Mark] 320(23):1540–cpc
MGH Case Records (Case 24-1989): A 77-year-old man with back pain and acute inability to walk [Borges & Rosenberg] 320(24):1610–cpc
MGH Case Records (Case 25-1989): A 56-year-old man with hemoptysis and microscopic hematuria [Coggins & others] 320(25):1677–cpc
MGH Case Records (Case 26-1989): A 34-year-old woman with a history of Crohn's disease and recent vulvar cellulitis [Burke & Bell] 320(26):1741–cpc

Cataract
Ultraviolet radiation and formation of cataracts [Kozart & others] 320(19):1285–c

Catastrophic Illness
Medicare's new benefits: "catastrophic" health insurance [Iglehart] 320(5):329–hpr

Catheterization
Dissolution of cholesterol gallbladder stones by methyl *tert*-butyl ether administered by percutaneous transhepatic catheter [Thistle & others] 320(10):633*; [Salen & Tint] 320(10):665–e
Puncture of the trachea during catheterization of the subclavian vein [Breen & Kageler] 320(17):1148–c

Catheterization, Central Venous
Experience with central venous catheters in patients with AIDS [Henry & others] 320(22):1496–c

Cats
Increased risk of Lyme disease for cat owners [Curran & Fish] 320(3):183–c

Caucasoid Race
Race and therapeutic drug response [Kalow] 320(9):588–e
Racial differences in drug response: altered sensitivity to and clearance of propranolol in men of Chinese descent as compared with American whites [Zhou & others] 320(9):565*; [Kalow] 320(9):588–e

Cause of Death
Radiologic contributions to the investigation and prosecution of cases of fatal infant abuse [Kleinman & others] 320(8): 507–sa; [Krugman] 320(8):531–e

CD4 Antigen
HIV receptors (CD4 antigen) in normal human glomerular cells [Karlsson-Parra & others] 320(11):741–c

CD8 Antigen
Immune activation in measles [Griffin & others] 320(25): 1667*

Ceftrizoxime
More on the costs of beta-lactam antibiotics [Malcolm & others] 320(8):538–c

Celiac Disease
Screening for celiac disease [Beutner & others] 320(16): 1087–c

Cellular Inclusions
Microvillus inclusion disease: an inherited defect of brush-border assembly and differentiation [Cutz & others] 320(10):646–mi
Centers for Disease Control
Toward a better classification system for HIV infection [Redfield & Tramont] 320(21):1414–e
Cephalosporins
Cephawhatchamacallums [Ellis & Lancaster] 320(13):872–c
Cerebral Hemorrhage
Multicenter randomized, placebo-controlled trial of surfactant therapy for respiratory distress syndrome [Horbar & others] 320(15):959*
Serum cholesterol levels and six-year mortality from stroke in 350,977 men screened for the multiple risk factor intervention trial [Iso & others] 320(14):904*
Cerebrovascular Disorders
MGH Case Records (Case 8-1989): A 46-year-old woman with progressive dementia [Levine & Richardson] 320(8): 514–cpc
Serum cholesterol levels and six-year mortality from stroke in 350,977 men screened for the multiple risk factor intervention trial [Iso & others] 320(14):904*
Cervix Neoplasms
Human papillomavirus infection and cervical cancer in Latin America [Reeves & others] 320(22):1437*
Cesarean Section
Physician factor in cesarean birth rates [Goyert & others] 320(11):706–sa
Program to lower cesarean section rates [Golde & others] 320(25):1692–c
Chelating Agents
ICRF-187 and doxorubicin-induced cardiac toxicity [Halliwell & others] 320(6):399–c
Child Abuse
Advances and retreats in the protection of children [Krugman] 320(8):531–e
Radiologic contributions to the investigation and prosecution of cases of fatal infant abuse [Kleinman & others] 320(8): 507–sa; [Krugman] 320(8):531–e
Child Development
Environmental exposure to lead and cognitive deficits in children [Sargent & others] 320(9):595–c
Child Health Services
Variations in rates of hospitalization of children in three urban communities [Perrin & others] 320(18):1183–sa; [Wise & Eisenberg] 320(18):1209–e
Child, Hospitalized
Variations in rates of hospitalization of children in three urban communities [Perrin & others] 320(18):1183–sa; [Wise & Eisenberg] 320(18):1209–e
What do regional variations in the rates of hospitalization of children really mean? [Wise & Eisenberg] 320(18): 1209–e
Chlamydia Infections
Chlamydia trachomatis pneumonia in an HIV-seropositive patient [Kroon & others] 320(12):806–c
Efficacy of neonatal ocular prophylaxis for the prevention of chlamydial and gonococcal conjunctivitis [Hammerschlag & others] 320(12):769*; [Schachter] 320(12):802–e
Why we need a program for the control of *Chlamydia trachomatis* [Schachter] 320(12):802–e
Chlamydia trachomatis
Chlamydia trachomatis pneumonia in an HIV-seropositive patient [Kroon & others] 320(12):806–c
Chlorambucil
Randomized trial of methylprednisolone and chlorambucil in idiopathic membranous nephropathy [Ponticelli & others] 320(1):8*; [Glassock] 320(1):51–e
Cholecystectomy
Efficacy of endoscopic sphincterotomy after cholecystectomy in patients with sphincter-of-Oddi dysfunction [Geenen & others] 320(2):82*
Cholecystokinin
Bulimia nervosa [Sigman & others] 320(11):735–c
Cholelithiasis
Dissolution of cholesterol gallbladder stones by methyl *tert*-butyl ether administered by percutaneous transhepatic catheter [Thistle & others] 320(10):633*; [Salen & Tint] 320(10):665–e
Is extracorporeal biliary lithotripsy painless? My experience with three shock-wave sources [Staritz] 320(12):811–c
Nonsurgical treatment of gallstones [Salen & Tint] 320(10): 665–e
Right renal trauma: a side effect of biliary lithotripsy [Williams & others] 320(11):739–c
Ursodeoxycholic acid and gallstones during weight loss [Seaton & others] 320(20):1351–c
Cholesterol
Dissolution of cholesterol gallbladder stones by methyl *tert*-butyl ether administered by percutaneous transhepatic catheter [Thistle & others] 320(10):633*; [Salen & Tint] 320(10):665–e
Familial hypobetalipoproteinemia associated with a mutant species of apolipoprotein B (B-46) [Young & others] 320(24):1604–mi
Nonsurgical treatment of gallstones [Salen & Tint] 320(10): 665–e
Risk factors for coronary artery disease in healthy persons with hyperinsulinemia and normal glucose tolerance [Zavaroni & others] 320(11):702*; [Foster] 320(11):733–e
Serum cholesterol levels and six-year mortality from stroke in 350,977 men screened for the multiple risk factor intervention trial [Iso & others] 320(14):904*
Chorionic Villi
Prenatal diagnosis — advances bring new challenges [Mennuti] 320(10):661–e
Safety and efficacy of chorionic villus sampling for early prenatal diagnosis of cytogenetic abnormalities [Rhoads & others] 320(10):609*; [Mennuti] 320(10):661–e
Chromatography, Gas–Mass Spectrometry
Medium-chain acyl-CoA dehydrogenase deficiency [Millington & others] 320(18):1219–c
Chromogranin A
Hormone-negative, chromogranin A–positive endocrine tumors [Sobol & others] 320(7):444–mi
Chromosome 2
Possible new genetic marker associated with a severe course of multiple sclerosis, located on chromosome 2: Km [Berr & others] 320(7):467–c
Chromosome 20
Chromosome analyses from urinary sediment: postnatal confirmation of a prenatally diagnosed trisomy 20 mosaicism [Miny & others] 320(12):809–c
Chromosome 21
Aging, amyloid, and Alzheimer's disease [Selkoe] 320(22): 1484–e
Amyloid A4 protein and its precursor in Down's syndrome and Alzheimer's disease [Rumble & others] 320(22):1446*; [Selkoe] 320(22):1484–e
Chromosome Aberrations
bcl-2 and other genomic alterations in the prognosis of large-cell lymphoma [Yunis & others] 320(16):1047*
Chromosome Abnormalities
Safety and efficacy of chorionic villus sampling for early prenatal diagnosis of cytogenetic abnormalities [Rhoads & others] 320(10):609*; [Mennuti] 320(10):661–e
Chromosome Deletion
bcl-2 and other genomic alterations in the prognosis of large-cell lymphoma [Yunis & others] 320(16):1047*
Mitochondrial DNA deletions in progressive external ophthalmoplegia and Kearns–Sayre syndrome [Moraes & others] 320(20):1293*; [Harding] 320(20):1341–e
Chromosome Mapping
Mapping and sequencing the human genome [McKusick] 320(14):910–sa

Chronic Disease
Do bacteria cause chronic polyarthritis? [Mills] 320(4): 245–e
Ciprofloxacin
Ciprofloxacin-induced vasculitis [Choe & others] 320(4): 257–c
Citrulline
Persistent acitrullinemia after liver transplantation for carbamylphosphate synthetase deficiency [Tuchman] 320(22): 1498–c
Civil Rights
Constitutional right to health care: denial in the court [Curran] 320(12):788–mi
Mandatory testing for HIV in federal prisons [Starchild & Quinlan] 320(5):315–c
Clinical Trials
Conflict-of-interest guidelines for a multicenter clinical trial of treatment after coronary-artery bypass-graft surgery [Healy & others] 320(14):949–sr; [Relman] 320(14):933–e
Economic incentives in clinical investigation [Relman] 320(14):933–e
Clonazepam
Clonazepam in the treatment of steroid-induced mania in a patient after renal transplantation [Viswanathan & Glickman] 320(5):319–c
Clostridium difficile
Nosocomial acquisition of *Clostridium difficile* infection [McFarland & others] 320(4):204*
Clostridium Infections
Nosocomial acquisition of *Clostridium difficile* infection [McFarland & others] 320(4):204*
Clothing
Abrasive shirts may contribute to herpes gladiatorum among wrestlers [Strauss & others] 320(9):598–c
Cocaine
Acute rhabdomyolysis associated with cocaine intoxication [Kothur & others] 320(10):667–c
Arsenic intoxication in a cocaine abuser [Lombard & others] 320(13):869–c
Effects of maternal marijuana and cocaine use on fetal growth [Zuckerman & others] 320(12).762*
Ophthalmic use of cocaine and the urine test for benzoylecgonine [Bralliar & others] 320(26):1757–c
Cockroaches
Removing cockroaches from the auditory canal: a direct method [Warren & Rotello] 320(5):322–c
Cognition
Environmental exposure to lead and cognitive deficits in children [Sargent & others] 320(9):595–c
Colitis
Treatment of diversion colitis with short-chain–fatty acid irrigation [Harig & others] 320(1):23*
Colon
Treatment of diversion colitis with short-chain–fatty acid irrigation [Harig & others] 320(1):23*
Colonic Polyps
Common inheritance of susceptibility to colonic adenomatous polyps and associated colorectal cancers [Moolgavkar & others] 320(5):316–c
Colorectal Neoplasms
Common inheritance of susceptibility to colonic adenomatous polyps and associated colorectal cancers [Moolgavkar & others] 320(5):316–c
Commerce
Conflict-of-interest guidelines for a multicenter clinical trial of treatment after coronary-artery bypass-graft surgery [Healy & others] 320(14):949–sr; [Relman] 320(14):933–e
Economic incentives in clinical investigation [Relman] 320(14):933–e
Common-Bile-Duct Diseases
Efficacy of endoscopic sphincterotomy after cholecystectomy in patients with sphincter-of-Oddi dysfunction [Geenen & others] 320(2):82*
Conjunctival Neoplasms
DNA of human papillomavirus Type 16 in dysplastic and malignant lesions of the conjunctiva and cornea [McDonnell & others] 320(22):1442*
Conjunctivitis
Efficacy of neonatal ocular prophylaxis for the prevention of chlamydial and gonococcal conjunctivitis [Hammerschlag & others] 320(12):769*; [Schachter] 320(12):802–e
Contraception
Contraception [Mishell] 320(12):777–mp
Contrast Media
Closer look at radiocontrast-induced nephropathy [Brezis & Epstein] 320(3):179–e
Contrast material–induced renal failure in patients with diabetes mellitus, renal insufficiency, or both: a prospective controlled study [Parfrey & others] 320(3):143*; [Brezis & Epstein] 320(3):179–e
Contrast nephrotoxicity: a randomized controlled trial of a nonionic and an ionic radiographic contrast agent [Schwab & others] 320(3):149*; [Brezis & Epstein] 320(3):179–e
Cornea
DNA of human papillomavirus Type 16 in dysplastic and malignant lesions of the conjunctiva and cornea [McDonnell & others] 320(22):1442*
Coronary-Artery Bypass
Conflict-of-interest guidelines for a multicenter clinical trial of treatment after coronary-artery bypass-graft surgery [Healy & others] 320(14):949–sr; [Relman] 320(14):933–e
MGH Case Records (Case 22-1989): Sudden collapse of a 17-year-old girl during exertion [Liberthson & Southern] 320(22):1475–cpc
Occlusive coronary-artery spasm as a cause of acute myocardial infarction after coronary-artery bypass grafting [Fischell & others] 320(6):400–c
Coronary Disease
Beyond cholesterol: modifications of low-density lipoprotein that increase its atherogenicity [Steinberg & others] 320(14):915–mi
Bronchial hyperresponsiveness to methacholine in patients with impaired left ventricular function [Cabanes & others] 320(20):1317*; [Fishman] 320(20):1346–e
Cardiac asthma — a fresh look at an old wheeze [Fishman] 320(20):1346–e
In-hospital outcome in patients with coronary artery disease in whom myocardial infarction has been ruled out [Fesmire & others] 320(21):1423–c
Insulin resistance — a secret killer? [Foster] 320(11): 733–e
Plasma levels of atrial natriuretic peptide in transient left ventricular ischemia [Gasser & others] 320(26):1752–c
Plasma triglyceride levels and coronary disease [Brunzell & Austin] 320(19):1273–e
Reduction in coronary restenosis with n−3 fatty acids [Berger & others] 320(7):465–c
Risk factors for coronary artery disease in healthy persons with hyperinsulinemia and normal glucose tolerance [Zavaroni & others] 320(11):702*; [Foster] 320(11):733–e
Smoking cessation in older patients with coronary artery disease [Hare & others] 320(17):1149–c
Tissue plasminogen activator [de Bono & others] 320(5): 317–c
Coronary Thrombosis
Comparison of high-dose with low-dose subcutaneous heparin to prevent left ventricular mural thrombosis in patients with acute transmural anterior myocardial infarction [Turpie & others] 320(6):352*; [Fuster & Halperin] 320(6):392–e
Left ventricular thrombi and cerebral embolism [Fuster & Halperin] 320(6):392–e
Coronary Vasospasm
Occlusive coronary-artery spasm as a cause of acute myocardial infarction after coronary-artery bypass grafting [Fischell & others] 320(6):400–c

Corpus Striatum
Multicenter study of autologous adrenal medullary transplantation to the corpus striatum in patients with advanced Parkinson's disease [Goetz & others] 320(6):337*
Corticosteroids
Randomized, double-blind six-month trial of prednisone in Duchenne's muscular dystrophy [Mendell & others] 320(24):1592*; [Brown] 320(24):1621–e
Cosmetics
Cancer-causing substances in food, drugs, and cosmetics [Schultz & others] 320(14):934–c
Cost–Benefit Analysis
Comparative effectiveness and costs of inpatient and outpatient detoxification of patients with mild-to-moderate alcohol withdrawal syndrome [Hayashida & others] 320(6): 358–sa; [Klerman] 320(6):394–e
Cost Control
American medicine at the crossroads: signs from Canada [Relman] 320(9):590–e
Controlling health expenditures — the Canadian reality [Evans & others] 320(9):571–sa; [Relman] 320(9):590–e
National health program for the United States: a physicians' proposal [Himmelstein & others] 320(2):102–sa; [Relman] 320(2):117–e; [Relman] 320(5):314–e;
Suggestion for cost containment [Petermann] 320(24):1630–c
Costs and Cost Analysis
Education in ambulatory care — financing is one piece of the puzzle [Bentley & others] 320(23):1531–sa; [Federman] 320(23):1556–e
I cannot afford to go to medical school [Holt] 320(24):1630–c
C Peptide
Randomized trial of intensive insulin therapy in newly diagnosed insulin-dependent diabetes mellitus [Shah & others] 320(9):550*
Creatine Kinase
Elevated levels of creatine kinase BB isoenzyme in three patients with adult osteopetrosis [Yoneyama & others] 320(19):1284–c
Creatinine
Randomized controlled trial of prednisone in patients with idiopathic membranous nephropathy [Cattran & others] 320(4):210*; [Relman] 320(4):248–e
Renal insufficiency in treated essential hypertension [Rostand & others] 320(11):684*; [Klahr] 320(11):731–e
Crime
Fraud and abuse: setting the limits on physicians' entrepreneurship [Hyman & Williamson] 320(19):1275–sb
Gunshot wounds to legs in drug runners [Sanchez & others] 320(16):1089–c
Handgun regulations, crime, assaults, and homicide: a tale of two cities [Blackman & others] 320(18):1214–c
Critical Care
Critical care medicine [Holbrook & Kelley] 320(2):126–c
Crohn's Disease
MGH Case Records (Case 26-1989): A 34-year-old woman with a history of Crohn's disease and recent vulvar cellulitis [Burke & Bell] 320(26):1741–cpc
Cross Infection
Exposure of health care workers to the blood of patients infected with the human immunodeficiency virus [Manian & others] 320(20):1350–c
Cryoglobulinemia
MGH Case Records (Case 11-1989): A 57-year-old woman with recurrent skin lesions, arthritis, and renal dysfunction [Moscicki & Colvin] 320(11):718–cpc
Cryptosporidiosis
Large community outbreak of cryptosporidiosis due to contamination of a filtered public water supply [Hayes & others] 320(21):1372*; [Olson] 320(21):1413–e
Safety of our drinking water: reason for concern but not alarm [Olson] 320(21):1413–e
Cryptosporidium
Large community outbreak of cryptosporidiosis due to contamination of a filtered public water supply [Hayes & others] 320(21):1372*; [Olson] 320(21):1413–e
Safety of our drinking water: reason for concern but not alarm [Olson] 320(21):1413–e
Current Concepts
Delirium in the elderly patient [Lipowski] 320(9):578–mi
Depression in the elderly [Blazer] 320(3):164–mi; [Besdine] 320(3):181–e; [McDermott & others] 320(24):1627–c
Pressure ulcers among the elderly [Allman] 320(13):850–mi
Prevention of falls among the elderly [Tinetti & Speechley] 320(16):1055–mi
Cyclophosphamide
Efficacy of adjuvant chemotherapy in high-risk node-negative breast cancer: an intergroup study [Mansour & others] 320(8):485*; [Relman] 320(8):525–e; [McGuire] 320(8): 525–e; [DeVita] 320(8):527–e
Graft-versus-host disease as adoptive immunotherapy in patients with advanced hematologic neoplasms [Sullivan & others] 320(13):828*
Prolonged disease-free survival after one course of perioperative adjuvant chemotherapy for node-negative breast cancer [Ludwig Breast Cancer Study Group] 320(8):491*; [Relman] 320(8):525–e; [McGuire] 320(8):525–e; [DeVita] 320(8):527–e
Cystic Fibrosis
Amplification of DNA from epithelial cells in urine [Gasparini & others] 320(12):809–c
Lack of effect of lung denervation on the measurement of potential difference after single-lung transplantation [Alton & others] 320(26):1755–c
Microscopic nephrocalcinosis in cystic fibrosis [Couper & others] 320(5):318–c
Cytomegalic Inclusion Disease
Progressive disease due to ganciclovir-resistant cytomegalovirus in immunocompromised patients [Erice & others] 320(5):289–mi; [Hirsch & Schooley] 320(5):313–e
Cytomegaloviruses
GM-CSF with ganciclovir for the treatment of CMV retinitis in AIDS [Grossberg & others] 320(23):1560–c
Progressive disease due to ganciclovir-resistant cytomegalovirus in immunocompromised patients [Erice & others] 320(5):289–mi; [Hirsch & Schooley] 320(5):313–e
Randomized, placebo-controlled trial of oral acyclovir for the prevention of cytomegalovirus disease in recipients of renal allografts [Balfour & others] 320(21):1381*
Resistance to antiviral drugs: the end of innocence [Hirsch & Schooley] 320(5):313–e

D

Data Bases
Outcomes management: a technology of patient experience [Knaus & Bracher] 320(9):600–c
da Vinci, Leonardo
Did Leonardo describe Parkinson's disease? [Calne & others] 320(9):594–c
Death
Physician and the dying patient [Scofield & others] 320(23): 1557–c
Deaths
Death notices of Society members 320(3):182–mms; 320(4): 250–mms; 320(8):540–mms; 320(11):734–mms; 320(15): 1009–mms; 320(18):1214–mms; 320(19):1278–mms; 320(21):1416–mms; 320(24):1624–mms
Decubitus Ulcer
Pressure ulcers among the elderly [Allman] 320(13):850–mi
Delirium
Delirium in the elderly patient [Lipowski] 320(9):578–mi
Delivery
Program to lower cesarean section rates [Golde & others] 320(25):1692–c
Delivery of Health Care
Consumer-choice health plan for the 1990s: universal health

insurance in a system designed to promote quality and economy (in two parts) [Enthoven & Kronick] 320(1): 29–sa; 320(2):94–sa; [Relman] 320(2):117–e; [Relman] 320(5):314–e; [Disler & others] 320(24):1629–c
For-profit medicine: a reassessment [Brophy & Ginzberg] 320(3):188–c
Health and medical care in Ethiopia [Halbrooks & others] 320(17):1149–c
Use of psychoactive medication and the quality of care in rest homes: findings and policy implications of a statewide study [Avorn & others] 320(4):227–sa

Denervation
Lack of effect of lung denervation on the measurement of potential difference after single-lung transplantation [Alton & others] 320(26):1755–c

Department of Health and Human Services
Fraud and abuse: setting the limits on physicians' entrepreneurship [Hyman & Williamson] 320(19):1275–sb

Depression
Depression in the elderly [Blazer] 320(3):164–mi; [Besdine] 320(3):181–e; [McDermott & others] 320(24):1627–c
Maturing of geriatrics [Besdine] 320(3):181–e
Neurobiology of depression [Johnson & others] 320(13): 869–c

Dermatology
Treatment of children with port-wine stains using the flashlamp-pulsed tunable dye laser [Tan & others] 320(7): 416*

Desmopressin
Serious reaction to desmopressin in a child with cyanotic heart disease [Israels & Kobrinsky] 320(23):1563–c

Developing Countries
Health and medical care in Ethiopia [Halbrooks & others] 320(17):1149–c

Dexamethasone
Controlled trial of dexamethasone in preterm infants at high risk for bronchopulmonary dysplasia [Cummings & others] 320(23):1505*; [Stahlman] 320(23):1551–e
Dexamethasone therapy for bacterial meningitis [Skapek & others] 320(7):463–c

Diabetes Mellitus
Association of protamine IgE and IgG antibodies with life-threatening reactions to intravenous protamine [Weiss & others] 320(14):886*
Contrast material–induced renal failure in patients with diabetes mellitus, renal insufficiency, or both: a prospective controlled study [Parfrey & others] 320(3):143*; [Brezis & Epstein] 320(3):179–e
Familial clustering of diabetic kidney disease: evidence for genetic susceptibility to diabetic nephropathy [Seaquist & others] 320(18):1161*
Impaired neurogenic and endothelium-mediated relaxation of penile smooth muscle from diabetic men with impotence [Saenz de Tejada & others] 320(16):1025*

Diabetes Mellitus, Insulin-Dependent
Comparison of childhood and adult Type I diabetes mellitus [Karjalainen & others] 320(14):881*
Glomerular lesions and urinary albumin excretion in Type I diabetes without overt proteinuria [Chavers & others] 320(15):966*
Randomized trial of intensive insulin therapy in newly diagnosed insulin-dependent diabetes mellitus [Shah & others] 320(9):550*

Diabetes Mellitus, Non-Insulin-Dependent
High monounsaturated fat diet for non-insulin-dependent diabetes mellitus [Truswell & others] 320(8):535–c
Increased insulin concentrations in nondiabetic offspring of diabetic parents [Ferner & others] 320(19):1282–c

Diabetic Nephropathies
Familial clustering of diabetic kidney disease: evidence for genetic susceptibility to diabetic nephropathy [Seaquist & others] 320(18):1161*
Glomerular lesions and urinary albumin excretion in Type I diabetes without overt proteinuria [Chavers & others] 320(15):966*

Diabetic Neuropathies
Pathogenesis of diabetic neuropathy [Winegrad & others] 320(1):57–c

Diagnosis
Our stubborn quest for diagnostic certainty: a cause of excessive testing [Kassirer] 320(22):1489–sb

Diagnosis, Computer-Assisted
Computer-virus infection of a medical diagnostic computer [Juni & Ponto] 320(12):811–c

Diagnostic Imaging
Advances and retreats in the protection of children [Krugman] 320(8):531–e

Diagnostic Test
Our stubborn quest for diagnostic certainty: a cause of excessive testing [Kassirer] 320(22):1489–sb

Diarrhea
Diarrhea due to fiber overload [Saibil] 320(9):599–c
Microvillus inclusion disease: an inherited defect of brush-border assembly and differentiation [Cutz & others] 320(10):646–mi
Nosocomial acquisition of *Clostridium difficile* infection [McFarland & others] 320(4):204*
Treatment and prophylaxis of *Isospora belli* infection in patients with the acquired immunodeficiency syndrome [Pape & others] 320(16):1044*

Dietary Carbohydrates
High monounsaturated fat diet for non-insulin-dependent diabetes mellitus [Truswell & others] 320(8):535–c

Dietary Fats
Antihypertensive effects of fish oil: a controlled study of polyunsaturated fatty acid supplements in essential hypertension [Knapp & FitzGerald] 320(16):1037*
High monounsaturated fat diet for non-insulin-dependent diabetes mellitus [Truswell & others] 320(8):535–c

Dietary Fats, Unsaturated
Effect of dietary supplementation with n−3 polyunsaturated fatty acids on the synthesis of interleukin-1 and tumor necrosis factor by mononuclear cells [Endres & others] 320(5):265*
Reduction in coronary restenosis with n−3 fatty acids [Berger & others] 320(7):465–c

Dietary Fiber
Diarrhea due to fiber overload [Saibil] 320(9):599–c
Small-bowel obstruction caused by oat-bran bezoar [Cooper & Tracey] 320(17):1148–c

Dietary Proteins
Modification of diet in renal disease study [Klahr] 320(13): 864–sb

Diethylcarbamazine
Diethylcarbamazine and human loiasis [Jaccard & others] 320(5):320–c

Diethylhexyl Phthalate
Exposure to di(2-ethylhexyl) phthalate in infants receiving extracorporeal membrane oxygenation [Shneider & others] 320(23):1563–c

Diet Therapy
Changes in lipoproteins during weight loss [Massé & others] 320(10):668–c
Recurrent anorexia nervosa in a hypercholesterolemic woman treated with exercise and diet modification [Hatcher] 320(23):1564–c

DiGeorge Syndrome
Hypoparathyroidism and the DiGeorge syndrome [Greenberg & others] 320(17):1146–c

Digoxin
Comparison of oral milrinone, digoxin, and their combination in the treatment of patients with chronic heart failure [DiBianco & others] 320(11):677*; [Cohn] 320(11):729–e

1,25-Dihydroxyvitamin D_3
Abnormalities in parathyroid hormone secretion and 1,25-dihydroxyvitamin D_3 formation in women with osteoporo-

sis [Silverberg & others] 320(5):277*; [Franz & others] 320(25):1697–c; [Franz & others] 320(25):1697–c

Diltiazem
Diltiazem and mortality and reinfarction after myocardial infarction [Durrleman & others] 320(2):123–c

Disasters
Medical disaster management in the United States [Siegelson & Kaplan] 320(14):941–c

Disease Outbreaks
Community outbreaks of asthma associated with inhalation of soybean dust [Antó & others] 320(17):1097*
Lyme disease [Hamlet & others] 320(24):1626–c
Patterns of transmission in measles outbreaks in the United States, 1985–1986 [Markowitz & others] 320(2):75*
Rapid emergence of a focal epidemic of Lyme disease in coastal Massachusetts [Lastavica & others] 320(3):133*; [Hamlet & others] 320(24):1626–c

Diseases in Twins
Selective delivery of an acardiac, acephalic twin [Robie & others] 320(8):512–mi

Disinfection
Disinfecting barbers' instruments [Koffler & Yust] 320(6): 402–c
Transmission of infectious agents by inadequately sterilized ENT instruments [Malt & others] 320(11):741–c

Dissection
"Bottoms up" dissection [Trosch & others] 320(23):1564–c

DNA
Clonal hematopoiesis demonstrated by X-linked DNA polymorphisms after allogeneic bone marrow transplantation [Turhan & others] 320(25):1655*
Diagnosis of genetic disorders at the DNA level [Antonarakis] 320(3):153–mp
Prediction of relapse or survival in patients with node-negative breast cancer by DNA flow cytometry [Clark & others] 320(10):627*

DNA, Mitochondrial
Mitochondrial DNA deletions in progressive external ophthalmoplegia and Kearns–Sayre syndrome [Moraes & others] 320(20):1293*; [Harding] 320(20):1341–e
Mitochondrial DNA mutation as a cause of Leber's hereditary optic neuropathy [Singh & others] 320(20):1300*; [Harding] 320(20):1341–e
Mitochondrial genome — breaking the magic circle [Harding] 320(20):1341–e

DNA Polymerases
DNA of human papillomavirus Type 16 in dysplastic and malignant lesions of the conjunctiva and cornea [McDonnell & others] 320(22):1442*

DNA, Viral
DNA of human papillomavirus Type 16 in dysplastic and malignant lesions of the conjunctiva and cornea [McDonnell & others] 320(22):1442*
Human papillomavirus infection and cervical cancer in Latin America [Reeves & others] 320(22):1437*

Down's Syndrome
Aging, amyloid, and Alzheimer's disease [Selkoe] 320(22): 1484–e
Amyloid A4 protein and its precursor in Down's syndrome and Alzheimer's disease [Rumble & others] 320(22):1446*; [Selkoe] 320(22):1484–e
Improving methods of screening for Down's syndrome [White & others] 320(6):401–c

Doxorubicin
ICRF-187 and doxorubicin-induced cardiac toxicity [Halliwell & others] 320(6):399–c

Drug and Narcotic Control
Regulation of discovery and drug development [Oates & Wood] 320(5):311–e
Regulation of investigational drugs [Kessler] 320(5):281–sa; [Oates & Wood] 320(5):311–e

Drug Evaluation
Regulation of investigational drugs [Kessler] 320(5):281–sa; [Oates & Wood] 320(5):311–e

Drug Industry
Endorsement of "patient promise" program [Schwartz & Bressler] 320(20):1354–c
Medical advice by celebrities [Dixon & Kriegman] 320(11): 742–c
Pharmaceutical advertising to left-handed physicians [Bland] 320(13):872–c

Drug Labeling
Inadequacy of current labeling of nonophthalmic drops [Ling & others] 320(1):62–c

Drug Resistance
Acyclovir-resistant herpes simplex virus infections in patients with the acquired immunodeficiency syndrome [Erlich & others] 320(5):293–mi; [Hirsch & Schooley] 320(5):313–e
Methicillin-resistant *Staphylococcus aureus* [Brumfitt & Hamilton-Miller] 320(18):1188–mp
Progressive disease due to ganciclovir-resistant cytomegalovirus in immunocompromised patients [Erice & others] 320(5):289–mi; [Hirsch & Schooley] 320(5):313–e
Resistance to antiviral drugs: the end of innocence [Hirsch & Schooley] 320(5):313–e
Successful treatment with foscarnet of an acyclovir-resistant mucocutaneous infection with herpes simplex virus in a patient with acquired immunodeficiency syndrome [Chatis & others] 320(5):297–mi; [Hirsch & Schooley] 320(5): 313–e

Drugs
Cancer-causing substances in food, drugs, and cosmetics [Schultz & others] 320(14):934–c
We need ethical guidelines for promotion of prescription drugs to physicians [Solomon] 320(25):1700–c

Drug Therapy
Combined beta-adrenergic and calcium-entry blockade in angina pectoris [Packer] 320(11):709–mi

Drug Therapy Series
Combined beta-adrenergic and calcium-entry blockade in angina pectoris [Packer] 320(11):709–mi

Ductus Arteriosus
Randomized, controlled trial of very early prophylactic ligation of the ductus arteriosus in babies who weighed 1000 g or less at birth [Cassady & others] 320(23):1511*; [Stahlman] 320(23):1551–e

Ductus Arteriosus, Patent
Multicenter randomized, placebo-controlled trial of surfactant therapy for respiratory distress syndrome [Horbar & others] 320(15):959*

Duodenal Neoplasms
MGH Case Records (Case 15-1989): A 52-year-old man with neurofibromatosis and jaundice [Erbe & Compton] 320(15):996–cpc

Duodenal Ulcer
Randomized study of maintenance therapy with ranitidine to prevent the recurrence of duodenal ulcer [Van Deventer & others] 320(17):1113*

Duodenum
MGH Case Records (Case 1-1989): A 50-year-old man with alcoholic cirrhosis and gastrointestinal hemorrhage [Kelsey & Fitzgibbon] 320(1):43–cpc

Dust
Community outbreaks of asthma associated with inhalation of soybean dust [Antó & others] 320(17):1097*

Dwarfism
Child with phenotypic Laron dwarfism and normal somatomedin levels [Pintor & others] 320(6):376–mi; [Laron & others] 320(25):1698–c
Low levels of high-affinity growth hormone–binding protein in African pygmies [Baumann & others] 320(26): 1705*

Dysplastic Nevus Syndrome
Mapping the gene for hereditary cutaneous malignant melanoma–dysplastic nevus to chromosome 1p [Bale & others] 320(21):1367*

Dyspnea
Bronchial hyperresponsiveness to methacholine in patients

with impaired left ventricular function [Cabanes & others] 320(20):1317*; [Fishman] 320(20):1346–e
Randomized, controlled trial of theophylline in patients with severe chronic obstructive pulmonary disease [Murciano & others] 320(23):1521*; [Drazen & Gerard] 320(23): 1555–e

Dystonia
Medical problems of musicians [Lockwood] 320(4):221–sa; [Lederman] 320(4):246–e

Dystrophin
Mosaic expression of dystrophin in symptomatic carriers of Duchenne's muscular dystrophy [Arahata & others] 320(3):138*

E

Ear Canal
Removing cockroaches from the auditory canal: a direct method [Warren & Rotello] 320(5):322–c

Earthquakes
Kidney dialysis treatment for victims of the Armenian earthquake [Collins] 320(19):1291–sr

Echocardiography
Diagnosis and prognosis of mitral-valve prolapse [Devereux] 320(16):1077–e
Identification of high-risk and low-risk subgroups of patients with mitral-valve prolapse [Marks & others] 320(16): 1031*; [Devereux] 320(16):1077–e
Valvular heart disease in systemic lupus erythematosus [Crozier & others] 320(11):739–c

Economic Competition
Consumer-choice health plan for the 1990s: universal health insurance in a system designed to promote quality and economy (in two parts) [Enthoven & Kronick] 320(1): 29–sa; 320(2):94–sa; [Relman] 320(2):117–e; [Relman] 320(5):314–e; [Disler & others] 320(24):1629–c
Legal immunity for medical peer-review programs: new policies explored [Curran] 320(4):233–mi

Economics, Hospital
Effect of prospective payment on Medicare expenditures [Russell & Manning] 320(7):439–sa
Incomprehensible hospital bills: educating the source [Thomas] 320(15):1017–c

Economics, Medical
American medicine at the crossroads: signs from Canada [Relman] 320(9):590–e

Education, Medical
Education in ambulatory care — financing is one piece of the puzzle [Bentley & others] 320(23):1531–sa; [Federman] 320(23):1556–e
Effects of liability fears [Smeltzer & Challoner] 320(18): 1221–c
How do house officers spend their nights? A time study of internal mediciae house staff on call [Lurie & others] 320(25):1673–sa; [Mellinkoff] 320(25):1689–e
I cannot afford to go to medical school [Holt] 320(24):1630–c
Johns Hopkins Centennial [Relman] 320(21):1411–e
Medical education in outpatient settings [Federman] 320(23):1556–e
Residency years [Mellinkoff] 320(25):1689–e
Women in medical education [Vaughan & others] 320(20): 1348–c

Education, Medical, Graduate
How can we pay for graduate medical education in ambulatory care? [Eisenberg] 320(23):1525–sa; [Federman] 320(23):1556–e

Electric Countershock
Automatic external defibrillator for out-of-hospital cardiac arrest [Kellermann & others] 320(10):670–c
Stereo speaker silences automatic implantable cardioverter–defibrillator [Karson & others] 320(24):1628–c

Electrocardiography
Clinical course and prognosis of hypertrophic cardiomyopathy in an outpatient population [Spirito & others] 320(12): 749*; [Braunwald] 320(12):800–e
Closed-chest ablation of retrograde conduction in patients with atrioventricular nodal reentrant tachycardia [Haissaguerre & others] 320(7):426*; [Scheinman] 320(7):460–e
Longitudinal electrophysiologic assessment of asymptomatic patients with the Wolff–Parkinson–White electrocardiographic pattern [Klein & others] 320(19):1229*

Electrocoagulation
Catheter techniques for ablation of supraventricular tachycardia [Scheinman] 320(7):460–e
Closed-chest ablation of retrograde conduction in patients with atrioventricular nodal reentrant tachycardia [Haissaguerre & others] 320(7):426*; [Scheinman] 320(7):460–e

Electron Transport
Defect in mitochondrial electron-transport activity (NADH–coenzyme Q oxidoreductase) in Leber's hereditary optic neuropathy [Parker & others] 320(20):1331–mi; [Harding] 320(20):1341–e

Electrophysiology
Longitudinal electrophysiologic assessment of asymptomatic patients with the Wolff–Parkinson–White electrocardiographic pattern [Klein & others] 320(19):1229*

ELISA
False positive HIV antibody reaction due to transfusion-induced HLA-DR4 sensitization [Yu & others] 320(22): 1495–c
Silent HIV infections [Haseltine] 320(22):1487–e

Emergency Medical Services
Automatic external defibrillator for out-of-hospital cardiac arrest [Kellermann & others] 320(10):670–c
Care of the VIP patient [O'Leary & others] 320(15):1016–c
Constitutional right to health care: denial in the court [Curran] 320(12):788–mi
Medical disaster management in the United States [Siegelson & Kaplan] 320(14):941–c

Emergency Service, Hospital
Controversies in the management of bleeding esophageal varices (in two parts) [Terblanche & others] 320(21): 1393–mp; 320(22):1469–mp

Encephalitis
Acute fatal HIV encephalitis with negative serologic assays for antibody and antigen: diagnosis by polymerase chain reaction [Varma & others] 320(22):1494–c

Encephalomyelitis
Immune activation in measles [Griffin & others] 320(25): 1667*

Endocarditis
MGH Case Records (Case 18-1989): A 52-year-old woman with left-lower-quadrant abdominal pain, fever, and splenic infarcts [Skillman & Southern] 320(18):1201–cpc

Endocarditis, Bacterial
Identification of high-risk and low-risk subgroups of patients with mitral-valve prolapse [Marks & others] 320(16): 1031*; [Devereux] 320(16):1077–e

Endocrine Diseases
Specificity spillover at the hormone receptor — exploring its role in human disease [Fradkin & others] 320(10): 640–md

Endocrine Neoplasms
Hormone-negative, chromogranin A–positive endocrine tumors [Sobol & others] 320(7):444–mi

Endotoxins
Promotion and subsequent inhibition of plasminogen activation after administration of intravenous endotoxin to normal subjects [Suffredini & others] 320(18):1165*; [Colman] 320(18):1207–e
Role of plasma proteases in septic shock [Colman] 320(18): 1207–e

Endoxin
Release of endogenous digitalis-like factor with sodium loading [Goto & others] 320(2):124–c

Energy Expenditure
Effect of nicotine on energy expenditure during light physical activity [Perkins & others] 320(14):898*; [Rigotti] 320(14):931–e
Environmental Exposure
Asbestos-related diseases [Mossman & Gee] 320(26): 1721–mp
Community outbreaks of asthma associated with inhalation of soybean dust [Antó & others] 320(17):1097*
Environmental exposure to lead and cognitive deficits in children [Sargent & others] 320(9):595–c
Health effects of involuntary smoking [Seidman & others] 320(19):1287–c
Superior limbic keratoconjunctivitis apparently related to particulate material from a ventilation system [Corona & Abraham] 320(20):1354–c
Environmental Protection Agency
Safety of our drinking water: reason for concern but not alarm [Olson] 320(21):1413–e
Enzyme Inhibitors
Converting-enzyme inhibitors in the treatment of hypertension [Hume & others] 320(26):1750–c
Epithelium
Regression of Barrett's epithelium with omeprazole [Deviere & others] 320(22):1497–c
Epstein–Barr Virus
Detection of Epstein–Barr viral genomes in Reed–Sternberg cells of Hodgkin's disease [Weiss & others] 320(8):502*; [Jaffe] 320(8):529–e
Elusive Reed–Sternberg cell [Jaffe] 320(8):529–e
Hodgkin's disease and Epstein–Barr virus: altered antibody pattern before diagnosis [Mueller & others] 320(11):689*
Localization of Epstein–Barr virus DNA in the epithelial cells of oral hairy leukoplakia by in situ hybridization on tissue sections [De Souza & others] 320(23):1559–c
Equipment and Supplies, Hospital
How accurate are hospital scales? [Schlegel-Pratt & Heizer] 320(3):189–c
Equipment Contamination
Transmission of infectious agents by inadequately sterilized ENT instruments [Malt & others] 320(11):741–c
Equipment Failure
Slide show saved by tongue depressor [Astrachan] 320(24): 1629–c
Erythromycin
Efficacy of neonatal ocular prophylaxis for the prevention of chlamydial and gonococcal conjunctivitis [Hammerschlag & others] 320(12):769*; [Schachter] 320(12):802–e
Escherichia coli
How *Escherichia coli* infects the urinary tract [Schoolnik] 320(12):804–e
Promotion and subsequent inhibition of plasminogen activation after administration of intravenous endotoxin to normal subjects [Suffredini & others] 320(18):1165*; [Colman] 320(18):1207–e
Esophageal and Gastric Varices
Controversies in the management of bleeding esophageal varices (in two parts) [Terblanche & others] 320(21): 1393–mp; 320(22):1469–mp
Prediction of the first variceal hemorrhage [Ohara & others] 320(13):868–c
Esophageal Diseases
MGH Case Records (Case 4-1989): Sudden onset of abdominal pain and hematemesis in a 56-year-old woman [Kaplan & Compton] 320(4):235–cpc
Regression of Barrett's epithelium with omeprazole [Deviere & others] 320(22):1497–c
Esophagus
Heimlich maneuver for esophageal obstruction [Nelson] 320(15):1016–c
Estrogen Receptors
Randomized clinical trial evaluating sequential methotrexate and fluorouracil in the treatment of patients with node-negative breast cancer who have estrogen-receptor–negative tumors [Fisher & others] 320(8):473*; [Relman] 320(8):525–e; [McGuire] 320(8):525–e; [DeVita] 320(8): 527–e
Randomized clinical trial evaluating tamoxifen in the treatment of patients with node-negative breast cancer who have estrogen-receptor–positive tumors [Fisher & others] 320(8):479*; [Relman] 320(8):525–e; [McGuire] 320(8): 525–e; [DeVita] 320(8):527–e
Ethics
Animal care at Stanford [Novic & others] 320(5):322–c
Ethics, Medical
Do physicians have an obligation to treat patients with AIDS? [Lennihan & others] 320(2):120–c
Endorsement of "patient promise" program [Schwartz & Bressler] 320(20):1354–c
Ethical use of human fetal tissue in medicine [Greely & others] 320(16):1093–sr; [Annas & Elias] 320(16):1079–sb
Fraud and abuse: setting the limits on physicians' entrepreneurship [Hyman & Williamson] 320(19):1275–sb
Hired help: a physician's experiences in a for-profit staff-model HMO [Hudson & others] 320(3):185–c
Industrial marketing and medical ethics [Bricker] 320(25): 1690–sb
Informed consent in interhospital patient transfer [Siegel & others] 320(4):258–c
Morality for the medical–industrial complex [Sulmasy & others] 320(16):1082–c
Physician's responsibility toward hopelessly ill patients: a second look [Wanzer & others] 320(13):844–sa
Politics of transplantation of human fetal tissue [Annas & Elias] 320(16):1079–sb
Practicing intubation of the newly dead [Stryker & others] 320(6):396–c
Pressure to keep prices high at a walk-in clinic [Yunker & others] 320(3):183–c
Publication of closely related reports [Saad & others] 320(18):1221–c; [Angell & Relman] 320(18):1212–e
Redundant publication [Angell & Relman] 320(18):1212–e
We need ethical guidelines for promotion of prescription drugs to physicians [Solomon] 320(25):1700–c
Ethiopia
Health and medical care in Ethiopia [Halbrooks & others] 320(17):1149–c
Ethylene Glycols
Treatment of ethylene glycol poisoning with intravenous 4-methylpyrazole [McMartin & Heath] 320(2):125–c
Eustrongylidiasis
Eustrongylidiasis — a parasitic infection acquired by eating sushi [Wittner & others] 320(17):1124–mi; [Schantz] 320(17):1143–e
Euthanasia
Physician's responsibility toward hopelessly ill patients: a second look [Wanzer & others] 320(13):844–sa
Exercise Test
Effect of nicotine on energy expenditure during light physical activity [Perkins & others] 320(14):898*; [Rigotti] 320(14):931–e
Racial differences in drug response: altered sensitivity to and clearance of propranolol in men of Chinese descent as compared with American whites [Zhou & others] 320(9):565*; [Kalow] 320(9):588–e
Exercise Therapy
Recurrent anorexia nervosa in a hypercholesterolemic woman treated with exercise and diet modification [Hatcher] 320(23):1564–c
Expenditures, Health
Concern for economic issues in health care as reflected in the medical literature [Markman] 320(3):188–c
Consumer-choice health plan for the 1990s: universal health insurance in a system designed to promote quality and economy (in two parts) [Enthoven & Kronick] 320(1): 29–sa; 320(2):94–sa; [Relman] 320(2):117–e; [Relman]

320(5):314–e; [Disler & others] 320(24):1629–c
Controlling health expenditures — the Canadian reality [Evans & others] 320(9):571–sa; [Relman] 320(9):590–e
Effect of prospective payment on Medicare expenditures [Russell & Manning] 320(7):439–sa
Federal spending for illness caused by the human immunodeficiency virus [Winkenwerder & others] 320(24):1598–sa; [Rogers] 320(24):1623–e
Federal spending on AIDS — how much is enough? [Rogers] 320(24):1623–e
Recommendations of the Physician Payment Review Commission [Iglehart] 320(17):1156–hpr
Suggestion for cost containment [Petermann] 320(24):1630–c

Eye
Inadequacy of current labeling of nonophthalmic drops [Ling & others] 320(1):62–c
Ultraviolet radiation and formation of cataracts [Kozart & others] 320(19):1285–c

Eye Injuries
Eye injuries to football players [Sherwood] 320(11):742–c

F

Factor VIII
Use of recombinant antihemophilic factor in the treatment of two patients with classic hemophilia [White & others] 320(3):166–mi

Faculty, Medical
Women in medical education [Vaughan & others] 320(20):1348–c

False Negative Reactions
Screening for human immunodeficiency virus infections [Stoto & others] 320(7):461–c

False Positive Reactions
False positive HIV antibody reaction due to transfusion-induced HLA-DR4 sensitization [Yu & others] 320(22):1495–c
Oral iron and the Hemoccult test: a controversy on the teaching wards [Kulbaski & others] 320(22):1500–c
Screening for human immunodeficiency virus infections [Stoto & others] 320(7):461–c

Famous Persons
Care of the VIP patient [O'Leary & others] 320(15):1016–c
Medical advice by celebrities [Dixon & Kriegman] 320(11):742–c

Fatty Acids
Treatment of diversion colitis with short-chain–fatty acid irrigation [Harig & others] 320(1):23*

Fatty Acids, Monounsaturated
High monounsaturated fat diet for non-insulin-dependent diabetes mellitus [Truswell & others] 320(8):535–c

Fatty Acids, Unsaturated
Antihypertensive effects of fish oil: a controlled study of polyunsaturated fatty acid supplements in essential hypertension [Knapp & FitzGerald] 320(16):1037*
Effect of dietary supplementation with n−3 polyunsaturated fatty acids on the synthesis of interleukin-1 and tumor necrosis factor by mononuclear cells [Endres & others] 320(5):265*

Fees and Charges
Incomprehensible hospital bills: educating the source [Thomas] 320(15):1017–c

Fee Schedules
Resource-based relative-value scale for physicians' reimbursement [Cook & others] 320(8):533–c

Fees, Medical
Controlling health expenditures — the Canadian reality [Evans & others] 320(9):571–sa; [Relman] 320(9):590–e
Pressure to keep prices high at a walk-in clinic [Yunker & others] 320(3):183–c

Fertilization in Vitro
Controlled study of luteinizing hormone–releasing hormone agonist (buserelin) for the induction of folliculogenesis before in vitro fertilization [MacLachlan & others] 320(19):1233*

Fetal Development
Effects of maternal marijuana and cocaine use on fetal growth [Zuckerman & others] 320(12):762*

Fetal Diseases
Improving methods of screening for Down's syndrome [White & others] 320(6):401–c
Prenatal diagnosis — advances bring new challenges [Mennuti] 320(10):661–e
Safety and efficacy of chorionic villus sampling for early prenatal diagnosis of cytogenetic abnormalities [Rhoads & others] 320(10):609*; [Mennuti] 320(10):661–e

Fetal Hemoglobin
Fetal hemoglobin in sudden infant death syndrome [Cheron & others] 320(15):1011–c

Fetus
Ethical use of human fetal tissue in medicine [Greely & others] 320(16):1093–sr; [Annas & Elias] 320(16):1079–sb
Health effects of involuntary smoking [Seidman & others] 320(19):1287–c
Politics of transplantation of human fetal tissue [Annas & Elias] 320(16):1079–sb
Selective delivery of an acardiac, acephalic twin [Robie & others] 320(8):512–mi

Fever of Unknown Origin
Kikuchi's disease as a cause of fever of unknown origin [Pearl & Strauchen] 320(17):1147–c

Fibrinolysis
Promotion and subsequent inhibition of plasminogen activation after administration of intravenous endotoxin to normal subjects [Suffredini & others] 320(18):1165*; [Colman] 320(18):1207–e

Filariasis
Diethylcarbamazine and human loiasis [Jaccard & others] 320(5):320–c

Financial Management
Federal spending for illness caused by the human immunodeficiency virus [Winkenwerder & others] 320(24):1598–sa; [Rogers] 320(24):1623–e

Financing, Government
Education in ambulatory care — financing is one piece of the puzzle [Bentley & others] 320(23):1531–sa; [Federman] 320(23):1556–e
How can we pay for graduate medical education in ambulatory care? [Eisenberg] 320(23):1525–sa; [Federman] 320(23):1556–e

Firearms
Handgun regulations, crime, assaults, and homicide: a tale of two cities [Blackman & others] 320(18):1214–c

Fish Oils
Antihypertensive effects of fish oil: a controlled study of polyunsaturated fatty acid supplements in essential hypertension [Knapp & FitzGerald] 320(16):1037*
Reduction in coronary restenosis with n−3 fatty acids [Berger & others] 320(7):465–c

Fish Products
Dangers of eating raw fish [Schantz] 320(17):1143–e
Eustrongylidiasis — a parasitic infection acquired by eating sushi [Wittner & others] 320(17):1124–mi; [Schantz] 320(17):1143–e

Flow Cytometry
Prediction of relapse or survival in patients with node-negative breast cancer by DNA flow cytometry [Clark & others] 320(10):627*

Fluorouracil
Efficacy of adjuvant chemotherapy in high-risk node-negative breast cancer: an intergroup study [Mansour & others] 320(8):485*; [Relman] 320(8):525–e; [McGuire] 320(8):525–e; [DeVita] 320(8):527–e
Prolonged disease-free survival after one course of perioperative adjuvant chemotherapy for node-negative breast cancer [Ludwig Breast Cancer Study Group] 320(8):491*;

[Relman] 320(8):525–e; [McGuire] 320(8):525–e; [DeVita] 320(8):527–e
Randomized clinical trial evaluating sequential methotrexate and fluorouracil in the treatment of patients with node-negative breast cancer who have estrogen-receptor–negative tumors [Fisher & others] 320(8):473*; [Relman] 320(8):525–e; [McGuire] 320(8):525–e; [DeVita] 320(8):527–e

Food Analysis
Cancer-causing substances in food, drugs, and cosmetics [Schultz & others] 320(14):934–c

Food and Drug Administration
Regulation of discovery and drug development [Oates & Wood] 320(5):311–e
Regulation of investigational drugs [Kessler] 320(5):281–sa; [Oates & Wood] 320(5):311–e

Food Microbiology
Epidemic listeriosis [Jasper & others] 320(8):538–c

Football
Eye injuries to football players [Sherwood] 320(11):742–c

Foreign Bodies
Delayed death from ingestion of a toothpick [Bee & others] 320(10):673–c
Heimlich maneuver for esophageal obstruction [Nelson] 320(15):1016–c

Foscarnet
Successful treatment with foscarnet of an acyclovir-resistant mucocutaneous infection with herpes simplex virus in a patient with acquired immunodeficiency syndrome [Chatis & others] 320(5):297–mi; [Hirsch & Schooley] 320(5):313–e

Fractures
Reduced bone mass in daughters of women with osteoporosis [Seeman & others] 320(9):554*

Fraud
Fraud and abuse: setting the limits on physicians' entrepreneurship [Hyman & Williamson] 320(19):1275–sb
Fraud in biomedical research [Weiss & others] 320(1):57–c

G

Galactosamine
Neuroaxonal dystrophy due to lysosomal α-*N*-acetylgalactosaminidase deficiency [Schindler & others] 320(26):1735–mi

Gallbladder
Ursodeoxycholic acid and gallstones during weight loss [Seaton & others] 320(20):1351–c

Gallstones
Ursodeoxycholic acid and gallstones during weight loss [Seaton & others] 320(20):1351–c

Gastric Acid
Gastric acid secretion in systemic mastocytosis [Cherner & others] 320(23):1562–c

Gastrointestinal Hemorrhage
MGH Case Records (Case 1-1989): A 50-year-old man with alcoholic cirrhosis and gastrointestinal hemorrhage [Kelsey & Fitzgibbon] 320(1):43–cpc

Gene Amplification
Amplification of DNA from epithelial cells in urine [Gasparini & others] 320(12):809–c

Gene Deletion
Diagnosis of genetic disorders at the DNA level [Antonarakis] 320(3):153–mp

Genes, Viral
Detection of Epstein–Barr viral genomes in Reed–Sternberg cells of Hodgkin's disease [Weiss & others] 320(8):502*; [Jaffe] 320(8):529–e
Elusive Reed–Sternberg cell [Jaffe] 320(8):529–e

Genetic Markers
Possible new genetic marker associated with a severe course of multiple sclerosis, located on chromosome 2: Km [Berr & others] 320(7):467–c

Genetics
Familial clustering of diabetic kidney disease: evidence for genetic susceptibility to diabetic nephropathy [Seaquist & others] 320(18):1161*

Genital Diseases, Female
Human papillomavirus infection and cervical cancer in Latin America [Reeves & others] 320(22):1437*

Geriatrics
Delirium in the elderly patient [Lipowski] 320(9):578–mi
Depression in the elderly [Blazer] 320(3):164–mi; [Besdine] 320(3):181–e; [McDermott & others] 320(24):1627–c
Maturing of geriatrics [Besdine] 320(3):181–e
Pressure ulcers among the elderly [Allman] 320(13):850–mi
Prevention of falls among the elderly [Tinetti & Speechley] 320(16):1055–mi

Glomerulonephritis
IgA antigliadin antibodies as a possible marker for IgA mesangial glomerulonephritis in adults with primary glomerulonephritis [Rostoker & others] 320(19):1283–c
Improvement of renal function with selective thromboxane antagonism in lupus nephritis [Pierucci & others] 320(7):421*

Glomerulonephritis, IgA
IgA antigliadin antibodies as a possible marker for IgA mesangial glomerulonephritis in adults with primary glomerulonephritis [Rostoker & others] 320(19):1283–c

Glomerulosclerosis, Focal
Focal segmental glomerulosclerosis in acute renal failure [Ravnskov] 320(18):1218–c

Glucose Tolerance Tests
Risk factors for coronary artery disease in healthy persons with hyperinsulinemia and normal glucose tolerance [Zavaroni & others] 320(11):702*; [Foster] 320(11):733–e

Glycogen Storage Disease
Glycogen storage disease associated with Niemann–Pick disease [Narita & others] 320(12):810–c

Gonadotropins, Chorionic
Improving methods of screening for Down's syndrome [White & others] 320(6):401–c

Gonadotropins, Human Menopausal
Controlled study of luteinizing hormone–releasing hormone agonist (buserelin) for the induction of folliculogenesis before in vitro fertilization [MacLachlan & others] 320(19):1233*

Gonorrhea
Efficacy of neonatal ocular prophylaxis for the prevention of chlamydial and gonococcal conjunctivitis [Hammerschlag & others] 320(12):769*; [Schachter] 320(12):802–e

Graafian Follicle
Controlled study of luteinizing hormone–releasing hormone agonist (buserelin) for the induction of folliculogenesis before in vitro fertilization [MacLachlan & others] 320(19):1233*

Graft Survival
Effect of HLA compatibility on engraftment of bone marrow transplants in patients with leukemia or lymphoma [Anasetti & others] 320(4):197*

Graft-versus-Host Disease
Effect of HLA compatibility on engraftment of bone marrow transplants in patients with leukemia or lymphoma [Anasetti & others] 320(4):197*
Graft-versus-host disease as adoptive immunotherapy in patients with advanced hematologic neoplasms [Sullivan & others] 320(13):828*

Grants and Subsidies, Educational
How can we pay for graduate medical education in ambulatory care? [Eisenberg] 320(23):1525–sa; [Federman] 320(23):1556–e

Granulocyte Colony-Stimulating Factor
Effects of human granulocyte colony-stimulating factor in a patient with idiopathic neutropenia [Jakubowski & others] 320(1):38–mi
Effects of recombinant human granulocyte colony-stimulat-

ing factor on neutropenia in patients with congenital agranulocytosis [Bonilla & others] 320(24):1574*
Treatment of a marrow stem-cell disorder with granulocyte colony-stimulating factor [Quesenberry] 320(20):1343–e
Treatment of cyclic neutropenia with granulocyte colony-stimulating factor [Hammond & others] 320(20):1306*; [Quesenberry] 320(20):1343–e

Granulocyte–Macrophage Colony-Stimulating Factor
GM-CSF with ganciclovir for the treatment of CMV retinitis in AIDS [Grossberg & others] 320(23):1560–c
Recombinant GM-CSF in myelosuppression of chemotherapy [Pollak & others] 320(4):253–c
Recombinant human GM-CSF in myelosuppression of chemotherapy (continued) [Bar & others] 320(14):939–c
Treatment of a marrow stem-cell disorder with granulocyte colony-stimulating factor [Quesenberry] 320(20):1343–e

Granulocytes
Effects of human granulocyte colony-stimulating factor in a patient with idiopathic neutropenia [Jakubowski & others] 320(1):38–mi

Granuloma
Case 49-1988: *Histoplasma capsulatum* or *Blastomyces dermatitidis*? [Sugar & Mark] 320(25):1699–c

Great Britain
Proposals for reform of the British National Health Service [Lister] 320(13):877–sr

Growth
Child with phenotypic Laron dwarfism and normal somatomedin levels [Pintor & others] 320(6):376–mi; [Laron & others] 320(25):1698–c
Treatment of familial male precocious puberty with spironolactone and testolactone [Laue & others] 320(8):496*

Growth Disorders
Low levels of high-affinity growth hormone–binding protein in African pygmies [Baumann & others] 320(26):1705*
Testosterone treatment for delayed growth [Waller & Richman] 320(18):1217–c

H

Head
Selective delivery of an acardiac, acephalic twin [Robie & others] 320(8):512–mi

Head Injuries
Case–control study of the effectiveness of bicycle safety helmets [Thompson & others] 320(21):1361*; [Callahan] 320(21):1412–e
Legislating safety — how far should we go? [Callahan] 320(21):1412–e

Head Protective Devices
Case–control study of the effectiveness of bicycle safety helmets [Thompson & others] 320(21):1361*; [Callahan] 320(21):1412–e
Legislating safety — how far should we go? [Callahan] 320(21):1412–e

Health Care Financing Administration
Initiative to evaluate and improve medical practice [Tayloe & others] 320(16):1084–c
Medicare's new benefits: "catastrophic" health insurance [Iglehart] 320(5):329–hpr

Health Education
Controlling AIDS in Cuba: the logic of quarantine [Bayer & Healton] 320(15):1022–sr; [Quinn & others] 320(15):1005–e

Health Maintenance Organizations
For-profit medicine: a reassessment [Brophy & Ginzberg] 320(3):188–c
Hired help: a physician's experiences in a for-profit staff-model HMO [Hudson & others] 320(3):185–c
How can we pay for graduate medical education in ambulatory care? [Eisenberg] 320(23):1525–sa; [Federman] 320(23):1556–e
Managing the third-party payers [Dixon] 320(9):601–c
Superstar ophthalmology and HMOs [Berman & Beauchamp] 320(17):1150–c

Health Personnel
Exposure of health care workers to the blood of patients infected with the human immunodeficiency virus [Manian & others] 320(20):1350–c

Health Planning
Initiative to evaluate and improve medical practice [Tayloe & others] 320(16):1084–c
National health program for the United States: a physicians' proposal [Himmelstein & others] 320(2):102–sa; [Relman] 320(2):117–e; [Relman] 320(5):314–e
Universal health insurance: its time has come [Relman] 320(2):117–e; [Relman] 320(5):314–e

Health Policy
Controlling health expenditures — the Canadian reality [Evans & others] 320(9):571–sa; [Relman] 320(9):590–e
Federal spending for illness caused by the human immunodeficiency virus [Winkenwerder & others] 320(24):1598–sa; [Rogers] 320(24):1623–e
Federal spending on AIDS — how much is enough? [Rogers] 320(24):1623–e
Health and public policy implications of the "low yield" cigarette [Benowitz] 320(24):1619–e
Medicare's new benefits: "catastrophic" health insurance [Iglehart] 320(5):329–hpr
Proposals for reform of the British National Health Service [Lister] 320(13):877–sr
Recommendations of the Physician Payment Review Commission [Iglehart] 320(17):1156–hpr

Health Policy Report
Medicare's new benefits: "catastrophic" health insurance [Iglehart] 320(5):329–hpr
Recommendations of the Physician Payment Review Commission [Iglehart] 320(17):1156–hpr

Health Resources
Technology and the allocation of resources [McGregor] 320(2):118–sb; [Disler & others] 320(24):1629–c

Health Services Accessibility
Constitutional right to health care: denial in the court [Curran] 320(12):788–mi

Heart
Breathing patterns in recipients of heart–lung transplants [Systrom & others] 320(10):669–c
Effect of intravenous streptokinase as compared with that of tissue plasminogen activator on left ventricular function after first myocardial infarction [White & others] 320(13):817*; [Rapaport] 320(13):861–e
Effects of alcoholism on skeletal and cardiac muscle [Urbano-Marquez & others] 320(7):409*; [Diamond] 320(7):458–e
ICRF-187 and doxorubicin-induced cardiac toxicity [Halliwell & others] 320(6):399–c
Need donated hearts be entirely free from disease? [Dodek] 320(24):1628–c
Ventricular syncope: is the heart a sensory organ? [Abboud] 320(6):390–e

Heart Arrest
Acid–base abnormalities in cardiopulmonary arrest: varying patterns in different locations in the hospital [Chazan & McKay] 320(9):597–c
Assessing acid–base status in circulatory failure: differences between arterial and central venous blood [Adrogué & others] 320(20):1312*; [Bleich] 320(20):1345–e
Automatic external defibrillator for out-of-hospital cardiac arrest [Kellermann & others] 320(10):670–c
Clinical implications of venous carbon dioxide tension [Bleich] 320(20):1345–e

Heart Catheterization
Contrast nephrotoxicity: a randomized controlled trial of a nonionic and an ionic radiographic contrast agent [Schwab & others] 320(3):149*; [Brezis & Epstein] 320(3):179–e

Insertion of umbilical arterial catheters with guidance by ultrasound [Pollaci & others] 320(12):809–c
Outpatient versus inpatient cardiac catheterization [Roehm & others] 320(14):938–c

Heart Conduction System
Closed-chest ablation of retrograde conduction in patients with atrioventricular nodal reentrant tachycardia [Haissaguerre & others] 320(7):426*; [Scheinman] 320(7): 460–e

Heart Defects, Congenital
Selective delivery of an acardiac, acephalic twin [Robie & others] 320(8):512–mi

Heart Diseases
Mortality and reoperation after open and transurethral resection of the prostate for benign prostatic hyperplasia [Roos & others] 320(17):1120–sa; [Greenfield] 320(17):1142–e
Serious reaction to desmopressin in a child with cyanotic heart disease [Israels & Kobrinsky] 320(23):1563–c
State of outcome research: are we on target? [Greenfield] 320(17):1142–e

Heart Failure, Congestive
Bronchial hyperresponsiveness to methacholine in patients with impaired left ventricular function [Cabanes & others] 320(20):1317*; [Fishman] 320(20):1346–e
Comparison of oral milrinone, digoxin, and their combination in the treatment of patients with chronic heart failure [DiBianco & others] 320(11):677*; [Cohn] 320(11):729–e
Contrast nephrotoxicity: a randomized controlled trial of a nonionic and an ionic radiographic contrast agent [Schwab & others] 320(3):149*; [Brezis & Epstein] 320(3):179–e
High-output cardiac failure in multiple myeloma [Leporrier & others] 320(21):1419–c
Inotropic therapy for heart failure: paradise postponed [Cohn] 320(11):729–e

Heart Septum
MGH Case Records (Case 10-1989): A 60-year-old man with a large right atrial mass [Garan & Horowitz] 320(10): 652–cpc

Heart Surgery
Transmission of retroviruses by transfusion of screened blood in patients undergoing cardiac surgery [Cohen & others] 320(18):1172*

Heart-Valve Diseases
Polycystic kidney disease [Cheng & others] 320(11):737–c
Valvular heart disease in systemic lupus erythematosus [Crozier & others] 320(11):739–c

Heart Ventricle
Bronchial hyperresponsiveness to methacholine in patients with impaired left ventricular function [Cabanes & others] 320(20):1317*; [Fishman] 320(20):1346–e

Hemangioma
MGH Case Records (Case 5-1989): A 27-year-old Greek woman with portal-vein thrombosis and an epigastric mass [Banks & Rosenberg] 320(5):301–cpc
MGH Case Records (Case 13-1989): A 76-year-old woman with multiple bone lesions and thrombocytopenia [Brower & Rosenberg] 320(13):854–cpc
Successful treatment of an angiogenic disease [Folkman] 320(18):1211–e
Treatment of children with port-wine stains using the flashlamp-pulsed tunable dye laser [Tan & others] 320(7):416*
Treatment of pulmonary hemangiomatosis with recombinant interferon alfa-2a [White & others] 320(18):1197–mi; [Folkman] 320(18):1211–e

Hemangiosarcoma
MGH Case Records (Case 13-1989): A 76-year-old woman with multiple bone lesions and thrombocytopenia [Brower & Rosenberg] 320(13):854–cpc

Hematopoiesis
Clonal hematopoiesis demonstrated by X-linked DNA polymorphisms after allogeneic bone marrow transplantation [Turhan & others] 320(25):1655*
Treatment of a marrow stem-cell disorder with granulocyte colony-stimulating factor [Quesenberry] 320(20):1343–e

Hematuria
Thin-basement-membrane nephropathy in adults with persistent hematuria [Tiebosch & others] 320(1):14*; [Glassock] 320(1):51–e; [Dische & others] 320(26):1752–c

Hemodialysis
Kidney dialysis treatment for victims of the Armenian earthquake [Collins] 320(19):1291–sr
Preferred therapy of hyperkalemia in renal insufficiency: survey of nephrology training-program directors [Iqbal & Friedman] 320(1):60–c; [Batlle & others] 320(22):1496–c

Hemophilia
HIV infection in sexual partners of HIV-seropositive patients with hemophilia [Laurian & others] 320(3):183–c
HIV-1, HIV-2, and HTLV-I infection in high-risk groups in Brazil [Cortes & others] 320(15):953*; [Quinn & others] 320(15):1005–e
Use of recombinant antihemophilic factor in the treatment of two patients with classic hemophilia [White & others] 320(3):166–mi

Hemorrhage
Controversies in the management of bleeding esophageal varices (in two parts) [Terblanche & others] 320(21): 1393–mp; 320(22):1469–mp

Hemorrhage, Gastrointestinal
Prediction of the first variceal hemorrhage [Ohara & others] 320(13):868–c

Hemosiderosis
MGH Case Records (Case 25-1989): A 56-year-old man with hemoptysis and microscopic hematuria [Coggins & others] 320(25):1677–cpc

Heparin
Aspirin, heparin, or both to treat unstable angina [Spodick & others] 320(15):1014–c
Comparison of high-dose with low-dose subcutaneous heparin to prevent left ventricular mural thrombosis in patients with acute transmural anterior myocardial infarction [Turpie & others] 320(6):352*; [Fuster & Halperin] 320(6):392–e
Comparison of invasive and conservative strategies after treatment with intravenous tissue plasminogen activator in acute myocardial infarction: results of the Thrombolysis in Myocardial Infarction (TIMI) Phase II Trial [TIMI Study Group] 320(10):618*; [Guerci & Ross] 320(10): 663–e
More on heparin for prevention of atherosclerosis [Goldstein & Shulman] 320(13):866–c

Hepatitis, Non-A, Non-B
Aplastic anemia after liver transplantation for non-A, non-B hepatitis [Forbes & others] 320(2):122–c

Hepatitis, Viral, Non-A, Non-B
Enterically transmitted non-A, non-B hepatitis: importation from Mexico to Massachusetts [Fortier & others] 320(19): 1281–c

Hereditary Diseases
Diagnosis of genetic disorders at the DNA level [Antonarakis] 320(3):153–mp

Hernia, Cerebral
Pseudo cerebral herniation due to phenylephrine nasal spray [Roberts] 320(26):1757–c

Herpes Simplex
Abrasive shirts may contribute to herpes gladiatorum among wrestlers [Strauss & others] 320(9):598–c
Acyclovir-resistant herpes simplex virus infections in patients with the acquired immunodeficiency syndrome [Erlich & others] 320(5):293–mi; [Hirsch & Schooley] 320(5):313–e
Successful treatment with foscarnet of an acyclovir-resistant mucocutaneous infection with herpes simplex virus in a patient with acquired immunodeficiency syndrome [Chatis & others] 320(5):297–mi; [Hirsch & Schooley] 320(5): 313–e

Herpes Simplex Virus
Acyclovir-resistant herpes simplex virus infections in patients with the acquired immunodeficiency syndrome [Erlich & others] 320(5):293–mi; [Hirsch & Schooley] 320(5):313–e
Resistance to antiviral drugs: the end of innocence [Hirsch & Schooley] 320(5):313–e
Successful treatment with foscarnet of an acyclovir-resistant mucocutaneous infection with herpes simplex virus in a patient with acquired immunodeficiency syndrome [Chatis & others] 320(5):297–mi; [Hirsch & Schooley] 320(5): 313–e
Herpesvirus Infections
Human herpesvirus 6 infection in renal-transplant recipients [Morris & others] 320(23):1560–c
Severe herpesvirus infections in an adolescent without natural killer cells [Biron & others] 320(26):1731–mi; [Ritz] 320(26):1748–e
Heterozygote
Mosaic expression of dystrophin in symptomatic carriers of Duchenne's muscular dystrophy [Arahata & others] 320(3):138*
High-Frequency Ventilation
High-frequency oscillatory ventilation compared with conventional mechanical ventilation in the treatment of respiratory failure in preterm infants [HIFI Study Group] 320(2):88*; [Froese & others] 320(25):1694–c
Hip Fractures
Effects of PPS on the care of elderly patients with hip fracture [Cogen & others] 320(13):871–c
Histoplasmosis
Case 49-1988: *Histoplasma capsulatum* or *Blastomyces dermatitidis?* [Sugar & Mark] 320(25):1699–c
MGH Case Records (Case 6-1989): A 57-year-old man with increasing dyspnea and a mediastinal mass [Nardell & Mark] 320(6):380–cpc, 320(9):607–x
HIV
Acute fatal HIV encephalitis with negative serologic assays for antibody and antigen: diagnosis by polymerase chain reaction [Varma & others] 320(22):1494–c
Acute HIV infection after acupuncture treatments [Vittecoq & others] 320(4):250–c
AIDS in the Americas: an emerging public health crisis [Quinn & others] 320(15):1005–e
Antibodies to HIV in saliva [Shoeman & others] 320(17): 1145–c
Case for wider use of testing for HIV infection [Rhame & Maki] 320(19):1248–sa
Chlamydia trachomatis pneumonia in an HIV-seropositive patient [Kroon & others] 320(12):806–c
Direct measurement of human immunodeficiency virus seroconversions in a serially tested population of young adults in the United States Army, October 1985 to October 1987 [McNeil & others] 320(24):1581*
Do physicians have an obligation to treat patients with AIDS? [Lennihan & others] 320(2):120–c
Exposure of health care workers to the blood of patients infected with the human immunodeficiency virus [Manian & others] 320(20):1350–c
Failure of zidovudine to maintain remission in patients with AIDS [Bach] 320(9):594–c
False positive HIV antibody reaction due to transfusion-induced HLA-DR4 sensitization [Yu & others] 320(22): 1495–c
Federal spending for illness caused by the human immunodeficiency virus [Winkenwerder & others] 320(24):1598–sa; [Rogers] 320(24):1623–e
Federal spending on AIDS — how much is enough? [Rogers] 320(24):1623–e
Female intravenous drug users and perinatal HIV transmission [Brown & others] 320(22):1493–c
HIV infection in pregnant women in Rhode Island, 1985 to 1988 [Maynard & Indacochea] 320(24):1626–c
HIV infection in sexual partners of HIV-seropositive patients with hemophilia [Laurian & others] 320(3):183–c
HIV receptors (CD4 antigen) in normal human glomerular cells [Karlsson-Parra & others] 320(11):741–c
HIV transmission through kidney transplantation from a living related donor [Quarto & others] 320(26): 1754–c
Human immunodeficiency virus infection among employees in an African hospital [Allebeck & others] 320(24): 1625–c
Human immunodeficiency virus infection of newborns [Katz & Wilfert] 320(25):1687–e
Intravenous infusion of zidovudine (AZT) in children with HIV infection [Lischner & others] 320(12):805–c
Mandatory testing for HIV in federal prisons [Starchild & Quinlan] 320(5):315–c
More on transmission of HIV by blood transfusion [Perkins & others] 320(7):463–c
Persistent antibody response to the HIV-1-negative regulatory factor in HIV-1-infected seronegative persons [Ameisen & others] 320(4):251–c
Prospective study of infants born to women seropositive for human immunodeficiency virus type 1 [Blanche & others] 320(25):1643*; [Katz & Wilfert] 320(25):1687–e
Prospective study of the risk of tuberculosis among intravenous drug users with human immunodeficiency virus infection [Selwyn & others] 320(9):545*
Recurrent syphilitic uveitis [Richards & others] 320(1): 62–c
Reinterpretation of human immunodeficiency virus Western blot patterns [Zolla-Pazner & others] 320(19): 1280–c
Relation between AIDS cases and HIV prevalence [Salzberg & Dolins] 320(14):936–c
Relation of serum antilymphocyte antibodies to the development of AIDS in HIV-seropositive men [Anderson & others] 320(26):1754–c
Screening for human immunodeficiency virus infections [Stoto & others] 320(7):461–c
Severe anogenital warts in a child with HIV infection [Laraque] 320(18):1220–c
Toward a better classification system for HIV infection [Redfield & Tramont] 320(21):1414–e
Transmission of HIV infection from a woman to a man by oral sex [Spitzer & Weiner] 320(4):251–c
Use of recombinant antihemophilic factor in the treatment of two patients with classic hemophilia [White & others] 320(3):166–mi
Use of the polymerase chain reaction for early detection of the proviral sequences of human immunodeficiency virus in infants born to seropositive mothers [Rogers & others] 320(25):1649*; [Katz & Wilfert] 320(25):1687–e
HIV-1
HIV-1, HIV-2, and HTLV-I infection in high-risk groups in Brazil [Cortes & others] 320(15):953*; [Quinn & others] 320(15):1005–e
HIV-2 infection in the United States [Ayanian & others] 320(21):1422–c
Human immunodeficiency virus type 1 infection in homosexual men who remain seronegative for prolonged periods [Imagawa & others] 320(22):1458*; [Haseltine] 320(22): 1487–e
Perinatal transmission of the human immunodeficiency virus type 1 to infants of seropositive women in Zaire [Ryder & others] 320(25):1637*; [Katz & Wilfert] 320(25): 1687–e
Persistent antibody response to the HIV-1-negative regulatory factor in HIV-1-infected seronegative persons [Ameisen & others] 320(4):251–c
Prospective study of infants born to women seropositive for human immunodeficiency virus type 1 [Blanche & others] 320(25):1643*; [Katz & Wilfert] 320(25):1687–e

Silent HIV infections [Haseltine] 320(22):1487–e
Transmission of retroviruses by transfusion of screened blood in patients undergoing cardiac surgery [Cohen & others] 320(18):1172*

HIV-2
HIV-1, HIV-2, and HTLV-I infection in high-risk groups in Brazil [Cortes & others] 320(15):953*; [Quinn & others] 320(15):1005–e
HIV-2 infection in the United States [Ayanian & others] 320(21):1422–c

HLA Antigens
Effect of HLA compatibility on engraftment of bone marrow transplants in patients with leukemia or lymphoma [Anasetti & others] 320(4):197*

HLA-DR Antigens
Comparison of childhood and adult Type I diabetes mellitus [Karjalainen & others] 320(14):881*
False positive HIV antibody reaction due to transfusion-induced HLA-DR4 sensitization [Yu & others] 320(22): 1495–c

HMG-CoA Reductases
Hyperkalemia during treatment with HMG-CoA reductase inhibitor [Edelman & others] 320(18):1219–c

Hodgkin's Disease
Detection of Epstein–Barr viral genomes in Reed–Sternberg cells of Hodgkin's disease [Weiss & others] 320(8):502*; [Jaffe] 320(8):529–e
Elusive Reed–Sternberg cell [Jaffe] 320(8):529–e
Hodgkin's disease and Epstein–Barr virus: altered antibody pattern before diagnosis [Mueller & others] 320(11): 689*
MGH Case Records (Case 7-1989): Unilateral exophthalmos three years after treatment of cervical and mediastinal Hodgkin's disease [Jakobiec & Ferry] 320(7):447–cpc

Holidays
Holiday heart Type II [Kukin & others] 320(6):402–c

Homicide
Handgun regulations, crime, assaults, and homicide: a tale of two cities [Blackman & others] 320(18):1214–c

Hormones
Hormone-negative, chromogranin A–positive endocrine tumors [Sobol & others] 320(7):444–mi
Specificity spillover at the hormone receptor — exploring its role in human disease [Fradkin & others] 320(10): 640–md

Hospital Communication Systems
Paging patterns: a nurse's view [Barton & others] 320(17): 1151–c

Hospitalization
Comparative effectiveness and costs of inpatient and outpatient detoxification of patients with mild-to-moderate alcohol withdrawal syndrome [Hayashida & others] 320(6): 358–sa; [Klerman] 320(6):394–e
Variations in rates of hospitalization of children in three urban communities [Perrin & others] 320(18):1183–sa; [Wise & Eisenberg] 320(18):1209–e
What do regional variations in the rates of hospitalization of children really mean? [Wise & Eisenberg] 320(18):1209–e

Hospitals
Human immunodeficiency virus infection among employees in an African hospital [Allebeck & others] 320(24):1625–c
Medicine in music [Graham] 320(12):812–c

Hospitals, Proprietary
Morality for the medical–industrial complex [Sulmasy & others] 320(16):1082–c

House Staff
How do house officers spend their nights? A time study of internal medicine house staff on call [Lurie & others] 320(25):1673–sa; [Mellinkoff] 320(25):1689–e

HTLV-I
Antibodies to *Strongyloides stercoralis* in healthy Jamaican carriers of HTLV-I [Neva & others] 320(4):252–c
HIV-1, HIV-2, and HTLV-I infection in high-risk groups in Brazil [Cortes & others] 320(15):953*; [Quinn & others] 320(15):1005–e
HIV-2 infection in the United States [Ayanian & others] 320(21):1422–c
HTLV-I infection and arthropod vectors [Murphy & others] 320(17):1146–c
HTLV-I polymyositis in a patient also infected with the human immunodeficiency virus [Wiley & others] 320(15): 992–mi
Transmission of retroviruses by transfusion of screened blood in patients undergoing cardiac surgery [Cohen & others] 320(18):1172*

Humor
Abbreviations in the medical literature [Mann] 320(17): 1152–c
Oncologist-induced vomiting: the Igvid syndrome? [Divgi] 320(3):189–c

3-Hydroxysteroid Dehydrogenase
Pituitary–ovarian responses to nafarelin testing in the polycystic ovary syndrome [Barnes & others] 320(9):559*

Hypercholesterolemia
Recurrent anorexia nervosa in a hypercholesterolemic woman treated with exercise and diet modification [Hatcher] 320(23):1564–c

Hyperchylomicronemia
Autoimmune hyperchylomicronemia [Kihara & others] 320(19):1255–mi; [Brunzell & Austin] 320(19):1273–e

Hyperkalemia
Hyperkalemia during treatment with HMG-CoA reductase inhibitor [Edelman & others] 320(18):1219–c
More on therapy for hyperkalemia in renal insufficiency [Batlle & others] 320(22):1496–c
Preferred therapy of hyperkalemia in renal insufficiency: survey of nephrology training-program directors [Iqbal & Friedman] 320(1):60–c; [Batlle & others] 320(22): 1496–c

Hypertension
Antihypertensive effects of fish oil: a controlled study of polyunsaturated fatty acid supplements in essential hypertension [Knapp & FitzGerald] 320(16):1037*
Atrial natriuretic factor and sodium intake in offspring of hypertensive and normotensive parents [van Hooft & others] 320(13):867–c
Converting-enzyme inhibitors in the treatment of hypertension [Hume & others] 320(26):1750–c
Increased blood pressure during potassium depletion in normotensive men [Krishna & others] 320(18):1177*
Insulin resistance — a secret killer? [Foster] 320(11):733–e
Kidney in hypertension — villain and victim [Klahr] 320(11):731–e
Renal insufficiency in treated essential hypertension [Rostand & others] 320(11):684*; [Klahr] 320(11):731–e

Hypertriglyceridemia
Autoimmune hyperchylomicronemia [Kihara & others] 320(19):1255–mi; [Brunzell & Austin] 320(19):1273–e
Plasma triglyceride levels and coronary disease [Brunzell & Austin] 320(19):1273–e

Hypobetalipoproteinemia
Familial hypobetalipoproteinemia associated with a mutant species of apolipoprotein B (B-46) [Young & others] 320(24):1604–mi

Hypoglycemia
Tumor necrosis factor and disease severity in children with falciparum malaria [Grau & others] 320(24):1586*

Hypoparathyroidism
Hypoparathyroidism and the DiGeorge syndrome [Greenberg & others] 320(17):1146–c

Hypotension
Provocation of bradycardia and hypotension by isoproterenol and upright posture in patients with unexplained syncope [Almquist & others] 320(6):346*; [Abboud] 320(6):390–e

I

ICRF-187
ICRF-187 and doxorubicin-induced cardiac toxicity [Halliwell & others] 320(6):399–c

IgA
Hodgkin's disease and Epstein–Barr virus: altered antibody pattern before diagnosis [Mueller & others] 320(11): 689*
IgA antigliadin antibodies as a possible marker for IgA mesangial glomerulonephritis in adults with primary glomerulonephritis [Rostoker & others] 320(19):1283–c

IgE
Association of asthma with serum IgE levels and skin-test reactivity to allergens [Burrows & others] 320(5):271*; [Platts-Mills & others] 320(25):1696–c
Association of protamine IgE and IgG antibodies with life-threatening reactions to intravenous protamine [Weiss & others] 320(14):886*
Asthma and serum levels of IgE [Platts-Mills & others] 320(25):1696–c
Rubber anaphylaxis [Slater] 320(17):1126–mi

IgG
Association of protamine IgE and IgG antibodies with life-threatening reactions to intravenous protamine [Weiss & others] 320(14):886*
Hodgkin's disease and Epstein–Barr virus: altered antibody pattern before diagnosis [Mueller & others] 320(11): 689*
Pathogenic effect of IgG4 autoantibodies in endemic pemphigus foliaceus (fogo selvagem) [Rock & others] 320(22): 1463*

Ileal Diseases
MGH Case Records (Case 3-1989): A 23-year-old man with recurrent bouts of abdominal pain and vomiting [Margolies & Compton] 320(3):171–cpc

Ileum
Topical administration of 5-aminosalicylic acid: a therapeutic proposal for the treatment of pouchitis [Miglioli & others] 320(4):257–c

Ilium
MGH Case Records (Case 13-1989): A 76-year-old woman with multiple bone lesions and thrombocytopenia [Brower & Rosenberg] 320(13):854–cpc

Illicit Drugs
Gunshot wounds to legs in drug runners [Sanchez & others] 320(16):1089–c

Immume System
Immune activation in measles [Griffin & others] 320(25): 1667*

Immune Tolerance
Progressive disease due to ganciclovir-resistant cytomegalovirus in immunocompromised patients [Erice & others] 320(5):289–mi; [Hirsch & Schooley] 320(5):313–e

Immunoblotting, Western
Reinterpretation of human immunodeficiency virus Western blot patterns [Zolla-Pazner & others] 320(19):1280–c

Immunoglobulin Allotypes
Possible new genetic marker associated with a severe course of multiple sclerosis, located on chromosome 2: Km [Berr & others] 320(7):467–c

Immunoglobulins, Kappa-Chain
Possible new genetic marker associated with a severe course of multiple sclerosis, located on chromosome 2: Km [Berr & others] 320(7):467–c

Immunohistochemistry
Mosaic expression of dystrophin in symptomatic carriers of Duchenne's muscular dystrophy [Arahata & others] 320(3):138*

Immunologic Deficiency Syndromes
Immunodeficiency characterized by defective signal transduction in T lymphocytes [Chatila & others] 320(11):696*

Immunosuppression
Immune activation in measles [Griffin & others] 320(25): 1667*

Impotence
Impaired neurogenic and endothelium-mediated relaxation of penile smooth muscle from diabetic men with impotence [Saenz de Tejada & others] 320(16):1025*

Incentives
Economic incentives in clinical investigation [Relman] 320(14):933–e
Salaried physicians and economic incentives [Imperato & others] 320(3):187–c

Incontinentia Pigmenti
MGH Case Records (Case 21-1989): A newborn girl with respiratory distress and vesicular skin lesions [Rothman & Imber] 320(21):1399–cpc

Industry
Industrial marketing and medical ethics [Bricker] 320(25): 1690–sb

Infant, Low-Birth-Weight
Controlled trial of dexamethasone in preterm infants at high risk for bronchopulmonary dysplasia [Cummings & others] 320(23):1505*; [Stahlman] 320(23):1551–e
Prenatal care and low birth weight among blacks and whites [Oechsli & others] 320(15):1010–c
Randomized, controlled trial of very early prophylactic ligation of the ductus arteriosus in babies who weighed 1000 g or less at birth [Cassady & others] 320(23):1511*; [Stahlman] 320(23):1551–e

Infant Mortality
Perinatal transmission of the human immunodeficiency virus type 1 to infants of seropositive women in Zaire [Ryder & others] 320(25):1637*; [Katz & Wilfert] 320(25):1687–e

Infant, Newborn
Malformations due to presumed spontaneous mutations in newborn infants [Nelson & Holmes] 320(1):19*

Infant, Newborn, Diseases
Efficacy of neonatal ocular prophylaxis for the prevention of chlamydial and gonococcal conjunctivitis [Hammerschlag & others] 320(12):769*; [Schachter] 320(12):802–e
Use of the polymerase chain reaction for early detection of the proviral sequences of human immunodeficiency virus in infants born to seropositive mothers [Rogers & others] 320(25):1649*; [Katz & Wilfert] 320(25):1687–e

Infant, Premature
Controlled trial of dexamethasone in preterm infants at high risk for bronchopulmonary dysplasia [Cummings & others] 320(23):1505*; [Stahlman] 320(23):1551–e
High-frequency oscillatory ventilation compared with conventional mechanical ventilation in the treatment of respiratory failure in preterm infants [HIFI Study Group] 320(2):88*; [Froese & others] 320(25):1694–c
Medical complications in premature infants: is treatment enough? [Stahlman] 320(23):1551–e
Methylene blue baby [Troche] 320(26):1756–c
Randomized, controlled trial of very early prophylactic ligation of the ductus arteriosus in babies who weighed 1000 g or less at birth [Cassady & others] 320(23):1511*; [Stahlman] 320(23):1551–e
Treatment of respiratory failure in preterm infants [Froese & others] 320(25):1694–c

Infants, Newborn, Diseases
Human immunodeficiency virus infection of newborns [Katz & Wilfert] 320(25):1687–e
Prospective study of infants born to women seropositive for human immunodeficiency virus type 1 [Blanche & others] 320(25):1643*; [Katz & Wilfert] 320(25):1687–e

Inflammation
Tissue destruction by neutrophils [Weiss] 320(6):365–md

Information for Authors
Information for authors 320(1):68; 320(5):336; 320(9):608; 320(14):952; 320(18):1228; 320(22):1504

Information Systems
Mapping and sequencing the human genome [McKusick] 320(14):910–sa
Informed Consent
Informed consent in interhospital patient transfer [Siegel & others] 320(4):258–c
Infusion Pumps
Intrathecal baclofen for severe spinal spasticity [Penn & others] 320(23):1517*; [Young] 320(23):1553–e
Infusions, Intravenous
Intravenous infusion of zidovudine (AZT) in children with HIV infection [Lischner & others] 320(12):805–c
Inhalers
Cooling of metered-dose inhalers decreases pressure output from canisters [Hampson & Mueller] 320(5):321–c
Injection, Spinal
Intrathecal baclofen for severe spinal spasticity [Penn & others] 320(23):1517*; [Young] 320(23):1553–e
Injections, Subcutaneous
Comparison of high-dose with low-dose subcutaneous heparin to prevent left ventricular mural thrombosis in patients with acute transmural anterior myocardial infarction [Turpie & others] 320(6):352*; [Fuster & Halperin] 320(6):392–e
Inositol
Pathogenesis of diabetic neuropathy [Winegrad & others] 320(1):57–c
Insemination, Artificial
Pregnancy following transcervical transfer of oocyte and sperm [Veersema & others] 320(22):1499–c
Insulin
Insulin resistance — a secret killer? [Foster] 320(11):733–e
Randomized trial of intensive insulin therapy in newly diagnosed insulin-dependent diabetes mellitus [Shah & others] 320(9):550*
Risk factors for coronary artery disease in healthy persons with hyperinsulinemia and normal glucose tolerance [Zavaroni & others] 320(11):702*; [Foster] 320(11):733–e
Insulin Antibodies
Comparison of childhood and adult Type I diabetes mellitus [Karjalainen & others] 320(14):881*
Insulin Infusion Systems
Randomized trial of intensive insulin therapy in newly diagnosed insulin-dependent diabetes mellitus [Shah & others] 320(9):550*
Insulin-like Growth Factor I
Low levels of high-affinity growth hormone–binding protein in African pygmies [Baumann & others] 320(26): 1705*
Insulin Resistance
Increased insulin concentrations in nondiabetic offspring of diabetic parents [Ferner & others] 320(19):1282–c
Insulin resistance — a secret killer? [Foster] 320(11):733–e
Insurance, Health
American medicine at the crossroads: signs from Canada [Relman] 320(9):590–e
Consumer-choice health plan for the 1990s: universal health insurance in a system designed to promote quality and economy (in two parts) [Enthoven & Kronick] 320(1): 29–sa; 320(2):94–sa; [Relman] 320(2):117–e; [Relman] 320(5):314–e; [Disler & others] 320(24):1629–c
Controlling health expenditures — the Canadian reality [Evans & others] 320(9):571–sa; [Relman] 320(9): 590–e
National health program for the United States: a physicians' proposal [Himmelstein & others] 320(2):102–sa; [Relman] 320(2):117–e; [Relman] 320(5):314–e
Insurance, Liability
Malpractice insurance: caught by the tail [Trepman] 320(5): 321–c
Insurance, Major Medical
Medicare's new benefits: "catastrophic" health insurance [Iglehart] 320(5):329–hpr
Insurance, Physician Services
Medicare's new benefits: "catastrophic" health insurance [Iglehart] 320(5):329–hpr
Resource-based relative-value scale for physicians' reimbursement [Cook & others] 320(8):533–c
Intensive Care Units, Neonatal
Reduction of nosocomial infection during pediatric intensive care by protective isolation [Klein & others] 320(26):1714*
Interferon Type I
Severe anogenital warts in a child with HIV infection [Laraque] 320(18):1220–c
Successful treatment of an angiogenic disease [Folkman] 320(18):1211–e
Systemic reaction to the anti–T-cell monoclonal antibody OKT3 in relation to serum levels of tumor necrosis factor and interferon-α [Chatenoud & others] 320(21):1420–c
Treatment of pulmonary hemangiomatosis with recombinant interferon alfa-2a [White & others] 320(18):1197–mi; [Folkman] 320(18):1211–e
Interleukin-1
Effect of dietary supplementation with n−3 polyunsaturated fatty acids on the synthesis of interleukin-1 and tumor necrosis factor by mononuclear cells [Endres & others] 320(5):265*
Interleukin-2
Differences in interleukin-2 production in blacks and whites [Ganguli & Rabin] 320(6):399–c
Immune activation in measles [Griffin & others] 320(25): 1667*
Immunodeficiency characterized by defective signal transduction in T lymphocytes [Chatila & others] 320(11):696*
Tumor-infiltrating lymphocytes and interleukin-2 in melanomas [Sondel & others] 320(21):1418–c
Internship and Residency
How do house officers spend their nights? A time study of internal medicine house staff on call [Lurie & others] 320(25):1673–sa; [Mellinkoff] 320(25):1689–e
Paging patterns: a nurse's view [Barton & others] 320(17): 1151–c
Residency years [Mellinkoff] 320(25):1689–e
Intestinal Absorption
Control of serum phosphorus in uremia [Coburn & Salusky] 320(17):1140–e
Effect of the time of administration of calcium acetate on phosphorus binding [Schiller & others] 320(17):1110*; [Coburn & Salusky] 320(17):1140–e
Intestinal Diseases
Nonsecretory α-chain disease with immunoproliferative small-intestinal disease [Matuchansky & others] 320(23): 1534–mi
Intestinal Diseases, Parasitic
Dangers of eating raw fish [Schantz] 320(17):1143–e
Eustrongylidiasis — a parasitic infection acquired by eating sushi [Wittner & others] 320(17):1124–mi; [Schantz] 320(17):1143–e
Intestinal Mucosa
Case 43-1988 [Neu & Bynum] 320(17):1148–c
Microvillus inclusion disease: an inherited defect of brush-border assembly and differentiation [Cutz & others] 320(10):646–mi
Intestinal Obstruction
Small-bowel obstruction caused by oat-bran bezoar [Cooper & Tracey] 320(17):1148–c
Intubation, Intratracheal
Practicing intubation of the newly dead [Stryker & others] 320(6):396–c
Intussusception
MGH Case Records (Case 3-1989): A 23-year-old man with recurrent bouts of abdominal pain and vomiting [Margolies & Compton] 320(3):171–cpc
Iron
Body iron stores and the risk of cancer [Yip & others] 320(15):1012–c

Hypoferremia: adaptation to disease? [Kent & Weinberg] 320(10):672–c
Oral iron and the Hemoccult test: a controversy on the teaching wards [Kulbaski & others] 320(22):1500–c

Isoenzymes
Elevated levels of creatine kinase BB isoenzyme in three patients with adult osteopetrosis [Yoneyama & others] 320(19):1284–c

Isoproterenol
Provocation of bradycardia and hypotension by isoproterenol and upright posture in patients with unexplained syncope [Almquist & others] 320(6):346*; [Abboud] 320(6):390–e

Isospora belli
Treatment and prophylaxis of *Isospora belli* infection in patients with the acquired immunodeficiency syndrome [Pape & others] 320(16):1044*

Isospora Infections
Treatment and prophylaxis of *Isospora belli* infection in patients with the acquired immunodeficiency syndrome [Pape & others] 320(16):1044*

Isotopes
Medium-chain acyl-CoA dehydrogenase deficiency [Millington & others] 320(18):1219–c

Isotretinoin
When a uniquely effective drug is teratogenic: the case of isotretinoin [Stern] 320(15):1007–sb

J

Johns Hopkins University
Johns Hopkins Centennial [Relman] 320(21):1411–e
William Osler's departure from North America: the price of success [Fye] 320(21):1425–on; [Relman] 320(21):1411–e

Joint Ventures
Superstar ophthalmology and HMOs [Berman & Beauchamp] 320(17):1150–c

K

Kearns–Sayre Syndrome
Mitochondrial DNA deletions in progressive external ophthalmoplegia and Kearns–Sayre syndrome [Moraes & others] 320(20):1293*; [Harding] 320(20):1341–e
Mitochondrial genome — breaking the magic circle [Harding] 320(20):1341–e

Keratoconjunctivitis
Superior limbic keratoconjunctivitis apparently related to particulate material from a ventilation system [Corona & Abraham] 320(20):1354–c

Kidney
Clonazepam in the treatment of steroid-induced mania in a patient after renal transplantation [Viswanathan & Glickman] 320(5):319–c
Contrast nephrotoxicity: a randomized controlled trial of a nonionic and an ionic radiographic contrast agent [Schwab & others] 320(3):149*; [Brezis & Epstein] 320(3):179–e
Human herpesvirus 6 infection in renal-transplant recipients [Morris & others] 320(23):1560–c
Improvement of renal function with selective thromboxane antagonism in lupus nephritis [Pierucci & others] 320(7):421*
Kidney in hypertension — villain and victim [Klahr] 320(11):731–e
Prerenal failure [Iberti & others] 320(6):397–c
Randomized, placebo-controlled trial of oral acyclovir for the prevention of cytomegalovirus disease in recipients of renal allografts [Balfour & others] 320(21):1381*
Right renal trauma: a side effect of biliary lithotripsy [Williams & others] 320(11):739–c

Kidney Diseases
Analgesic nephropathy — a preventable renal disease [Bennett & DeBroe] 320(19):1269–e
Analgesic use and chronic renal disease [Sandler & others] 320(19):1238*; [Bennett & DeBroe] 320(19):1269–e
Closer look at radiocontrast-induced nephropathy [Brezis & Epstein] 320(3):179–e
Polycystic kidney disease [Cheng & others] 320(11):737–c
Prerenal failure [Iberti & others] 320(6):397–c
Thin-basement-membrane nephropathy [Dische & others] 320(26):1752–c
Thin-basement-membrane nephropathy in adults with persistent hematuria [Tiebosch & others] 320(1):14*; [Glassock] 320(1):51–e; [Dische & others] 320(26):1752–c

Kidney Failure, Acute
Focal segmental glomerulosclerosis in acute renal failure [Ravnskov] 320(18):1218–c

Kidney Failure, Chronic
Contrast material–induced renal failure in patients with diabetes mellitus, renal insufficiency, or both: a prospective controlled study [Parfrey & others] 320(3):143*; [Brezis & Epstein] 320(3):179–e
Contrast nephrotoxicity: a randomized controlled trial of a nonionic and an ionic radiographic contrast agent [Schwab & others] 320(3):149*; [Brezis & Epstein] 320(3):179–e
Familial clustering of diabetic kidney disease: evidence for genetic susceptibility to diabetic nephropathy [Seaquist & others] 320(18):1161*
HIV transmission through kidney transplantation from a living related donor [Quarto & others] 320(26):1754–c
Modification of diet in renal disease study [Klahr] 320(13):864–sb
More on therapy for hyperkalemia in renal insufficiency [Batlle & others] 320(22):1496–c
Preferred therapy of hyperkalemia in renal insufficiency: survey of nephrology training-program directors [Iqbal & Friedman] 320(1):60–c; [Batlle & others] 320(22):1496–c
Renal insufficiency in treated essential hypertension [Rostand & others] 320(11):684*; [Klahr] 320(11):731–e

Kidney Glomerulus
Glomerular lesions and urinary albumin excretion in Type I diabetes without overt proteinuria [Chavers & others] 320(15):966*
HIV receptors (CD4 antigen) in normal human glomerular cells [Karlsson-Parra & others] 320(11):741–c
Thin-basement-membrane nephropathy in adults with persistent hematuria [Tiebosch & others] 320(1):14*; [Glassock] 320(1):51–e; [Dische & others] 320(26):1752–c
Through thick and thin [Glassock] 320(1):51–e

Kidney, Polycystic
Polycystic kidney disease [Cheng & others] 320(11):737–c

Kikuchi's Syndrome
Kikuchi's disease as a cause of fever of unknown origin [Pearl & Strauchen] 320(17):1147–c

Killer Cells, Natural
Role of natural killer cells in immune surveillance [Ritz] 320(26):1748–e
Severe herpesvirus infections in an adolescent without natural killer cells [Biron & others] 320(26):1731–mi; [Ritz] 320(26):1748–e

L

Laboratories
Making laboratory reports easier to read [Hirschfeld] 320(5):321–c

Lactate Dehydrogenase
Serum lactate dehydrogenase in small-cell lung cancer [Van den Brande & Demedts] 320(1):61–c

Laser Surgery
Treatment of children with port-wine stains using the flashlamp-pulsed tunable dye laser [Tan & others] 320(7):416*

Law–Medicine Notes
Constitutional right to health care: denial in the court [Curran] 320(12):788–mi
Legal immunity for medical peer-review programs: new policies explored [Curran] 320(4):233–mi

Lead Poisoning
Environmental exposure to lead and cognitive deficits in children [Sargent & others] 320(9):595–c
Leber's Disease
Defect in mitochondrial electron-transport activity (NADH–coenzyme Q oxidoreductase) in Leber's hereditary optic neuropathy [Parker & others] 320(20):1331–mi; [Harding] 320(20):1341–e
Mitochondrial DNA mutation as a cause of Leber's hereditary optic neuropathy [Singh & others] 320(20):1300*; [Harding] 320(20):1341–e
Mitochondrial genome — breaking the magic circle [Harding] 320(20):1341–e
Leg Injuries
Gunshot wounds to legs in drug runners [Sanchez & others] 320(16):1089–c
Legislation
Legislating safety — how far should we go? [Callahan] 320(21):1412–e
Legislation, Drug
Cancer-causing substances in food, drugs, and cosmetics [Schultz & others] 320(14):934–c
Legislation, Food
Cancer-causing substances in food, drugs, and cosmetics [Schultz & others] 320(14):934–c
Legislation, Medical
Fraud and abuse: setting the limits on physicians' entrepreneurship [Hyman & Williamson] 320(19):1275–sb
Politics of transplantation of human fetal tissue [Annas & Elias] 320(16):1079–sb
Recommendations of the Physician Payment Review Commission [Iglehart] 320(17):1156–hpr
Length of Stay
Randomized trial of nonoperative treatment for perforated peptic ulcer [Crofts & others] 320(15):970*
Variations in rates of hospitalization of children in three urban communities [Perrin & others] 320(18):1183–sa; [Wise & Eisenberg] 320(18):1209–e
Leucovorin
Prolonged disease-free survival after one course of perioperative adjuvant chemotherapy for node-negative breast cancer [Ludwig Breast Cancer Study Group] 320(8):491*; [Relman] 320(8):525–e; [McGuire] 320(8):525–e; [DeVita] 320(8):527–e
Leukemia
Effect of HLA compatibility on engraftment of bone marrow transplants in patients with leukemia or lymphoma [Anasetti & others] 320(4):197*
Graft-versus-host disease as adoptive immunotherapy in patients with advanced hematologic neoplasms [Sullivan & others] 320(13):828*
Persistence of immunity to varicella in children with leukemia immunized with live attenuated varicella vaccine [Gershon & others] 320(14):892*
Leukocytes, Mononuclear
Effect of dietary supplementation with n−3 polyunsaturated fatty acids on the synthesis of interleukin-1 and tumor necrosis factor by mononuclear cells [Endres & others] 320(5):265*
Leukoplakia, Oral
Localization of Epstein–Barr virus DNA in the epithelial cells of oral hairy leukoplakia by in situ hybridization on tissue sections [De Souza & others] 320(23):1559–c
Lewis Blood-Group System
Association of the Lewis blood-group phenotype with recurrent urinary tract infections in women [Sheinfeld & others] 320(12):773*; [Schoolnik] 320(12):804–e
Licensure, Medical
Paying back student loans [Bodnar] 320(5):322–c
Linkage (Genetics)
Diagnosis of genetic disorders at the DNA level [Antonarakis] 320(3):153–mp
Mapping the gene for hereditary cutaneous malignant melanoma–dysplastic nevus to chromosome 1p [Bale & others] 320(21):1367*
Lipase
Autoimmune hyperchylomicronemia [Kihara & others] 320(19):1255–mi; [Brunzell & Austin] 320(19):1273–e
Lipids
Insulin resistance — a secret killer? [Foster] 320(11):733–e
Lipofuscin
Immunoreactivity of ceroid lipofuscin storage pigment in Batten disease with monoclonal antibodies to the amyloid beta-protein [Wisniewski & Maslinska] 320(4):256–c
Lipoma
Case 46-1988: myelolipoma of adrenal gland [Holtzman & Bursztyn] 320(19):1284–c
MGH Case Records (Case 10-1989): A 60-year-old man with a large right atrial mass [Garan & Horowitz] 320(10): 652–cpc
Lipoprotein Lipase
Autoimmune hyperchylomicronemia [Kihara & others] 320(19):1255–mi; [Brunzell & Austin] 320(19):1273–e
Lipoprotein lipase: a multifunctional enzyme relevant to common metabolic diseases [Eckel] 320(16):1060–bi
Plasma triglyceride levels and coronary disease [Brunzell & Austin] 320(19):1273–e
Lipoproteins
Changes in lipoproteins during weight loss [Massé & others] 320(10):668–c
Effect of triglyceride levels on methyl and methylene envelope line widths in proton nuclear magnetic resonance spectroscopy of human plasma [Mims & others] 320(22):1452*
Lipoproteins, LDL
Beyond cholesterol: modifications of low-density lipoprotein that increase its atherogenicity [Steinberg & others] 320(14):915–mi
Listeria Infections
Epidemic listeriosis [Jasper & others] 320(8):538–c
Lithotripsy
Is extracorporeal biliary lithotripsy painless? My experience with three shock-wave sources [Staritz] 320(12):811–c
Right renal trauma: a side effect of biliary lithotripsy [Williams & others] 320(11):739–c
Liver
Aplastic anemia after liver transplantation for non-A, non-B hepatitis [Forbes & others] 320(2):122–c
Efficacy of liver transplantation in patients with primary biliary cirrhosis [Markus & others] 320(26):1709*
N-acetylcysteine in the treatment of acetaminophen overdose [Westman & others] 320(21):1417–c
Persistent acitrullinemia after liver transplantation for carbamylphosphate synthetase deficiency [Tuchman] 320(22): 1498–c
Liver Cirrhosis
Alcohol-induced injury to the liver [Rao & others] 320(20): 1353–c
Detection of autoantibodies to recombinant mitochondrial proteins in patients with primary biliary cirrhosis [Van de Water & others] 320(21):1377*
Pathogenesis of sodium and water retention [Munoz & Schrier] 320(23):1561–c
Liver Cirrhosis, Alcoholic
MGH Case Records (Case 1-1989): A 50-year-old man with alcoholic cirrhosis and gastrointestinal hemorrhage [Kelsey & Fitzgibbon] 320(1):43–cpc
Liver Cirrhosis, Biliary
Efficacy of liver transplantation in patients with primary biliary cirrhosis [Markus & others] 320(26):1709*
Liver Neoplasms
MGH Case Records (Case 17-1989): A 58-year-old man with cavitary lung disease [Epler & Mark] 320(17):1130–cpc
Loiasis
Diethylcarbamazine and human loiasis [Jaccard & others] 320(5):320–c
Longitudinal Studies
State of outcome research: are we on target? [Greenfield] 320(17):1142–e

Long-Term Care
Controversies in the management of bleeding esophageal varices (in two parts) [Terblanche & others] 320(21): 1393–mp; 320(22):1469–mp
Medicare's new benefits: "catastrophic" health insurance [Iglehart] 320(5):329–hpr
Lovastatin
Hyperkalemia during treatment with HMG-CoA reductase inhibitor [Edelman & others] 320(18):1219–c
Lumbar Vertebrae
MGH Case Records (Case 13-1989): A 76-year-old woman with multiple bone lesions and thrombocytopenia [Brower & Rosenberg] 320(13):854–cpc
Lumpectomy
Eight-year results of a randomized clinical trial comparing total mastectomy and lumpectomy with or without irradiation in the treatment of breast cancer [Fisher & others] 320(13):822*
Lung
Absence of immunoreactive vasoactive intestinal polypeptide in tissue from the lungs of patients with asthma [Ollerenshaw & others] 320(19):1244*; [Said] 320(19): 1271–e
Breathing patterns in recipients of heart–lung transplants [Systrom & others] 320(10):669–c
Lack of effect of lung denervation on the measurement of potential difference after single-lung transplantation [Alton & others] 320(26):1755–c
MGH Case Records (Case 9-1989): A 32-year-old man with AIDS and a cavitary pulmonary lesion [Fanburg & Mark] 320(9):582–cpc
MGH Case Records (Case 20-1989): A 33-year-old woman with exertional dyspnea and Raynaud's phenomenon [Kanarek & Mark] 320(20):1333–cpc
Vasoactive intestinal polypeptide and asthma [Said] 320(19):1271–e
Lung Diseases
MGH Case Records (Case 2-1989): A 59-year-old woman with asthma and multiple pulmonary nodules [Levine & Mark] 320(2):108–cpc
Treatment of pulmonary hemangiomatosis with recombinant interferon alfa-2a [White & others] 320(18):1197–mi; [Folkman] 320(18):1211–e
Lung Diseases, Obstructive
Randomized, controlled trial of theophylline in patients with severe chronic obstructive pulmonary disease [Murciano & others] 320(23):1521*; [Drazen & Gerard] 320(23): 1555–e
Reversing the irreversible [Drazen & Gerard] 320(23): 1555–e
Lung Neoplasms
Asbestos-related diseases [Mossman & Gee] 320(26): 1721–mp
Indoor radon and lung cancer [Samet & Nero] 320(9):591–sb
MGH Case Records (Case 17-1989): A 58-year-old man with cavitary lung disease [Epler & Mark] 320(17): 1130–cpc
Serum lactate dehydrogenase in small-cell lung cancer [Van den Brande & Demedts] 320(1):61–c
Successful treatment of an angiogenic disease [Folkman] 320(18):1211–e
Treatment of pulmonary hemangiomatosis with recombinant interferon alfa-2a [White & others] 320(18):1197–mi; [Folkman] 320(18):1211–e
Lupus Erythematosus, Systemic
Valvular heart disease in systemic lupus erythematosus [Crozier & others] 320(11):739–c
Lupus Nephritis
Improvement of renal function with selective thromboxane antagonism in lupus nephritis [Pierucci & others] 320(7): 421*
Luteinizing Hormone
Controlled study of luteinizing hormone–releasing hormone agonist (buserelin) for the induction of folliculogenesis before in vitro fertilization [MacLachlan & others] 320(19): 1233*
Treatment of familial male precocious puberty with spironolactone and testolactone [Laue & others] 320(8):496*
Luteinizing Hormone–Releasing Hormone
Controlled study of luteinizing hormone–releasing hormone agonist (buserelin) for the induction of folliculogenesis before in vitro fertilization [MacLachlan & others] 320(19): 1233*
Lyme Disease
Increased risk of Lyme disease for cat owners [Curran & Fish] 320(3):183–c
Lyme disease [Hamlet & others] 320(24):1626–c
Rapid emergence of a focal epidemic of Lyme disease in coastal Massachusetts [Lastavica & others] 320(3):133*; [Hamlet & others] 320(24):1626–c
Seronegative Lyme disease [Relman & others] 320(19): 1279–c
Lymphadenitis
Kikuchi's disease as a cause of fever of unknown origin [Pearl & Strauchen] 320(17):1147–c
MGH Case Records (Case 23-1989): A 25-year-old woman with a right pulmonary density 14 months after a right upper lobectomy for an atypical carcinoid tumor [Daly & Mark] 320(23):1540–cpc
Lymphangioma
MGH Case Records (Case 5-1989): A 27-year-old Greek woman with portal-vein thrombosis and an epigastric mass [Banks & Rosenberg] 320(5):301–cpc
Lymphangiomyoma
MGH Case Records (Case 5-1989): A 27-year-old Greek woman with portal-vein thrombosis and an epigastric mass [Banks & Rosenberg] 320(5):301–cpc
Lymph Nodes
Adjuvant therapy of node-negative breast cancer [McGuire] 320(8):525–e
Efficacy of adjuvant chemotherapy in high-risk node-negative breast cancer: an intergroup study [Mansour & others] 320(8):485*; [Relman] 320(8):525–e; [McGuire] 320(8): 525–e; [DeVita] 320(8):527–e
Prediction of relapse or survival in patients with node-negative breast cancer by DNA flow cytometry [Clark & others] 320(10):627*
Randomized clinical trial evaluating tamoxifen in the treatment of patients with node-negative breast cancer who have estrogen-receptor–positive tumors [Fisher & others] 320(8):479*; [Relman] 320(8):525–e; [McGuire] 320(8): 525–e; [DeVita] 320(8):527–e
Lymphocytes
Tumor-infiltrating lymphocytes and interleukin-2 in melanomas [Sondel & others] 320(21):1418–c
Lymphoma
Effect of HLA compatibility on engraftment of bone marrow transplants in patients with leukemia or lymphoma [Anasetti & others] 320(4):197*
Graft-versus-host disease as adoptive immunotherapy in patients with advanced hematologic neoplasms [Sullivan & others] 320(13):828*
Lymphoma, Non-Hodgkin's
bcl-2 and other genomic alterations in the prognosis of large-cell lymphoma [Yunis & others] 320(16):1047*
Lysosomes
Neuroaxonal dystrophy due to lysosomal α-*N*-acetylgalactosaminidase deficiency [Schindler & others] 320(26): 1735–mi

M

Magnesium Deficiency
Ventricular fibrillation during antiarrhythmic drug therapy [Rude & others] 320(8):537–c
Magnetic Resonance Imaging
Emotional distress during magnetic resonance imaging [Flaherty & Hoskinson] 320(7):467–c

Magnetics
Stereo speaker silences automatic implantable cardioverter–defibrillator [Karson & others] 320(24):1628–c
Malabsorption Syndromes
Nonsecretory α-chain disease with immunoproliferative small-intestinal disease [Matuchansky & others] 320(23): 1534–mi
Malaria
Chemoprophylaxis and treatment of malaria [Williams & others] 320(23):1561–c
Tumor necrosis factor and disease severity in children with falciparum malaria [Grau & others] 320(24):1586*
Malingering
Malingering doubt about factitious AIDS [Chiarello] 320(21):1423–c
Malpractice
Effects of liability fears [Smeltzer & Challoner] 320(18): 1221–c
Physician factor in cesarean birth rates [Goyert & others] 320(11):706–sa
Using restraints in the elderly because of fear of litigation [Francis] 320(13):870–c
Mammography
Need for quality assurance in mammography [Sienko & others] 320(14):941–c
Manic Disorder
Clonazepam in the treatment of steroid-induced mania in a patient after renal transplantation [Viswanathan & Glickman] 320(5):319–c
Manometry
Efficacy of endoscopic sphincterotomy after cholecystectomy in patients with sphincter-of-Oddi dysfunction [Geenen & others] 320(2):82*
Manuscripts
Did Leonardo describe Parkinson's disease? [Calne & others] 320(9):594–c
Marijuana
Cannabis-resin foreign body in the ear [Thompson & Terry] 320(26):1758–c
Effects of maternal marijuana and cocaine use on fetal growth [Zuckerman & others] 320(12):762*
Marketing of Health Services
Morality for the medical–industrial complex [Sulmasy & others] 320(16):1082–c
Massachusetts Medical Society
Death notices of Society members 320(3):182–mms; 320(4): 250–mms; 320(8):540–mms; 320(11):734–mms; 320(15): 1009–mms; 320(18):1214–mms; 320(19):1278–mms; 320(21):1416–mms; 320(24):1624–mms
Mastectomy
Eight-year results of a randomized clinical trial comparing total mastectomy and lumpectomy with or without irradiation in the treatment of breast cancer [Fisher & others] 320(13):822*
Mastocytosis
Gastric acid secretion in systemic mastocytosis [Cherner & others] 320(23):1562–c
Mastoid
MGH Case Records (Case 14-1989): An 82-year-old woman with a complete left facial palsy and a left mastoid mass [Vernick & Goodman] 320(14):924–cpc
Measles
Immune activation in measles [Griffin & others] 320(25): 1667*
Patterns of transmission in measles outbreaks in the United States, 1985–1986 [Markowitz & others] 320(2):75*
Measles Vaccine
Patterns of transmission in measles outbreaks in the United States, 1985–1986 [Markowitz & others] 320(2):75*
Mechanisms of Disease
Beyond cholesterol: modifications of low-density lipoprotein that increase its atherogenicity [Steinberg & others] 320(14):915–md
Biology of osteoarthritis [Hamerman] 320(20):1322–md
Specificity spillover at the hormone receptor — exploring its role in human disease [Fradkin & others] 320(10): 640–md
Tissue destruction by neutrophils [Weiss] 320(6): 365–md
Mechanoreceptors
Ventricular syncope: is the heart a sensory organ? [Abboud] 320(6):390–e
Meckel's Diverticulum
MGH Case Records (Case 3-1989): A 23-year-old man with recurrent bouts of abdominal pain and vomiting [Margolies & Compton] 320(3):171–cpc
Mediastinitis
MGH Case Records (Case 6-1989): A 57-year-old man with increasing dyspnea and a mediastinal mass [Nardell & Mark] 320(6):380–cpc, 320(9):607–x
Medical Progress
Asbestos-related diseases [Mossman & Gee] 320(26): 1721–mp
Contraception [Mishell] 320(12):777–mp
Controversies in the management of bleeding esophageal varices (in two parts) [Terblanche & others] 320(21): 1393–mp; 320(22):1469–mp
Diagnosis of genetic disorders at the DNA level [Antonarakis] 320(3):153–mp
Methicillin-resistant *Staphylococcus aureus* [Brumfitt & Hamilton-Miller] 320(18):1188–mp
Role of the vitamin D endocrine system in health and disease [Reichel & others] 320(15):980–mp
Medical Records
Abbreviated breakthrough [Mizroch & Martin] 320(8): 539–c
Medical Staff
Hired help: a physician's experiences in a for-profit staff-model HMO [Hudson & others] 320(3):185–c
Medical Staff Privileges
Legal immunity for medical peer-review programs: new policies explored [Curran] 320(4):233–mi
Medicare
Changes in the location of death after passage of Medicare's prospective payment system: a national study [Sager & others] 320(7):433–sa
Effect of prospective payment on Medicare expenditures [Russell & Manning] 320(7):439–sa
How can we pay for graduate medical education in ambulatory care? [Eisenberg] 320(23):1525–sa; [Federman] 320(23):1556–e
Medicare's new benefits: "catastrophic" health insurance [Iglehart] 320(5):329–hpr
Recommendations of the Physician Payment Review Commission [Iglehart] 320(17):1156–hpr
Medication Errors
Inadequacy of current labeling of nonophthalmic drops [Ling & others] 320(1):62–c
Medicine in Art
Medicine in music [Graham] 320(12):812–c
Melanoma
Mapping the gene for hereditary cutaneous malignant melanoma–dysplastic nevus to chromosome 1p [Bale & others] 320(21):1367*
Tumor-infiltrating lymphocytes and interleukin-2 in melanomas [Sondel & others] 320(21):1418–c
Meningitis
Dexamethasone therapy for bacterial meningitis [Skapek & others] 320(7):463–c
Menopause
Reduced bone mass in daughters of women with osteoporosis [Seeman & others] 320(9):554*
Mesentery
MGH Case Records (Case 5-1989): A 27-year-old Greek woman with portal-vein thrombosis and an epigastric mass [Banks & Rosenberg] 320(5):301–cpc
Metabolic Clearance Rate
Racial differences in drug response: altered sensitivity to and

clearance of propranolol in men of Chinese descent as compared with American whites [Zhou & others] 320(9):565*; [Kalow] 320(9):588–e

Metabolic Diseases
Lipoprotein lipase: a multifunctional enzyme relevant to common metabolic diseases [Eckel] 320(16):1060–bi

Metabolism, Inborn Errors
Neuroaxonal dystrophy due to lysosomal α-*N*-acetylgalactosaminidase deficiency [Schindler & others] 320(26): 1735–mi

Methacholine Compounds
Bronchial hyperresponsiveness to methacholine in patients with impaired left ventricular function [Cabanes & others] 320(20):1317*; [Fishman] 320(20):1346–e

Methotrexate
Efficacy of adjuvant chemotherapy in high-risk node-negative breast cancer: an intergroup study [Mansour & others] 320(8):485*; [Relman] 320(8):525–e; [McGuire] 320(8): 525–e; [DeVita] 320(8):527–e
Graft-versus-host disease as adoptive immunotherapy in patients with advanced hematologic neoplasms [Sullivan & others] 320(13):828*
Prolonged disease-free survival after one course of perioperative adjuvant chemotherapy for node-negative breast cancer [Ludwig Breast Cancer Study Group] 320(8):491*; [Relman] 320(8):525–e; [McGuire] 320(8):525–e; [DeVita] 320(8):527–e
Randomized clinical trial evaluating sequential methotrexate and fluorouracil in the treatment of patients with node-negative breast cancer who have estrogen-receptor–negative tumors [Fisher & others] 320(8):473*; [Relman] 320(8):525–e; [McGuire] 320(8):525–e; [DeVita] 320(8): 527–e

Methylene Blue
Methylene blue baby [Troche] 320(26):1756–c

Methylprednisolone
Randomized trial of methylprednisolone and chlorambucil in idiopathic membranous nephropathy [Ponticelli & others] 320(1):8*; [Glassock] 320(1):51–e

4-Methylpyrazole
Treatment of ethylene glycol poisoning with intravenous 4-methylpyrazole [McMartin & Heath] 320(2):125–c

Methyl *Tert*-Butyl Ether
Dissolution of cholesterol gallbladder stones by methyl *tert*-butyl ether administered by percutaneous transhepatic catheter [Thistle & others] 320(10):633*; [Salen & Tint] 320(10):665–e
Nonsurgical treatment of gallstones [Salen & Tint] 320(10): 665–e

Microcomputers
Computer-virus infection of a medical diagnostic computer [Juni & Ponto] 320(12):811–c

Microvilli
Microvillus inclusion disease: an inherited defect of brush-border assembly and differentiation [Cutz & others] 320(10):646–mi

Military Personnel
Direct measurement of human immunodeficiency virus seroconversions in a serially tested population of young adults in the United States Army, October 1985 to October 1987 [McNeil & others] 320(24):1581*

Milrinone
Comparison of oral milrinone, digoxin, and their combination in the treatment of patients with chronic heart failure [DiBianco & others] 320(11):677*; [Cohn] 320(11):729–e
Inotropic therapy for heart failure: paradise postponed [Cohn] 320(11):729–e

Mitochondria
Defect in mitochondrial electron-transport activity (NADH–coenzyme Q oxidoreductase) in Leber's hereditary optic neuropathy [Parker & others] 320(20):1331–mi; [Harding] 320(20):1341–e
Mitochondrial genome — breaking the magic circle [Harding] 320(20):1341–e

Mitral Valve
MGH Case Records (Case 18-1989): A 52-year-old woman with left-lower-quadrant abdominal pain, fever, and splenic infarcts [Skillman & Southern] 320(18):1201–cpc

Mitral-Valve Prolapse
Diagnosis and prognosis of mitral-valve prolapse [Devereux] 320(16):1077–e
Identification of high-risk and low-risk subgroups of patients with mitral-valve prolapse [Marks & others] 320(16): 1031*; [Devereux] 320(16):1077–e

Mitral-Valve Stenosis
MGH Case Records (Case 19-1989): A 41-year-old woman with mitral stenosis, exertional dyspnea, and persistent hoarseness [Wheeler & Block] 320(19):1260–cpc

Mongoloid Race
Race and therapeutic drug response [Kalow] 320(9): 588–e
Racial differences in drug response: altered sensitivity to and clearance of propranolol in men of Chinese descent as compared with American whites [Zhou & others] 320(9):565*; [Kalow] 320(9):588–e

Mortality
Changes in the location of death after passage of Medicare's prospective payment system: a national study [Sager & others] 320(7):433–sa
Medical complications in premature infants: is treatment enough? [Stahlman] 320(23):1551–e
Mortality and reoperation after open and transurethral resection of the prostate for benign prostatic hyperplasia [Roos & others] 320(17):1120–sa; [Greenfield] 320(17): 1142–e

Mosaicism
Chromosome analyses from urinary sediment: postnatal confirmation of a prenatally diagnosed trisomy 20 mosaicism [Miny & others] 320(12):809–c

Mouthwashes
Atrial fibrillation induced by breath spray [Ridker & others] 320(2):124–c
Hemostatic effect of tranexamic acid mouthwash in anticoagulant-treated patients undergoing oral surgery [Sindet-Pedersen & others] 320(13):840*

Multicenter Studies
Conflict-of-interest guidelines for a multicenter clinical trial of treatment after coronary-artery bypass-graft surgery [Healy & others] 320(14):949–sr; [Relman] 320(14): 933–e

Multimodal Treatment
Adjuvant therapy of node-negative breast cancer [McGuire] 320(8):525–e
Breast cancer therapy: exercising all our options [DeVita] 320(8):527–e
Eight-year results of a randomized clinical trial comparing total mastectomy and lumpectomy with or without irradiation in the treatment of breast cancer [Fisher & others] 320(13):822*

Multiple Myeloma
High-output cardiac failure in multiple myeloma [Leporrier & others] 320(21):1419–c

Multiple Sclerosis
Intrathecal baclofen for severe spinal spasticity [Penn & others] 320(23):1517*; [Young] 320(23):1553–e
Possible new genetic marker associated with a severe course of multiple sclerosis, located on chromosome 2: Km [Berr & others] 320(7):467–c

Muscle Relaxation
Impaired neurogenic and endothelium-mediated relaxation of penile smooth muscle from diabetic men with impotence [Saenz de Tejada & others] 320(16):1025*

Muscle Rigidity
Plasmapheresis in the treatment of stiff-man syndrome [Vicari & others] 320(22):1499–c

Muscles
Effects of alcoholism on skeletal and cardiac muscle [Urbano-Marquez & others] 320(7):409*; [Diamond] 320(7):458–e

Muscle, Smooth
Impaired neurogenic and endothelium-mediated relaxation of penile smooth muscle from diabetic men with impotence [Saenz de Tejada & others] 320(16):1025*
Muscle Spasticity
Intrathecal baclofen for severe spinal spasticity [Penn & others] 320(23):1517*; [Young] 320(23):1553–e
Treatment of spastic paresis [Young] 320(23):1553–e
Muscular Atrophy
Auscultator's neck [Salvatore] 320(9):601–c
Muscular Diseases
Alcoholic myopathy and cardiomyopathy [Diamond] 320(7): 458–e
MGH Case Records (Case 12-1989): A 24-year-old Haitian man with right flank pain and recent fever [Carpenter & Sullinger] 320(12):790–cpc
Muscular Dystrophy
Mosaic expression of dystrophin in symptomatic carriers of Duchenne's muscular dystrophy [Arahata & others] 320(3):138*
Prednisone therapy for Duchenne's muscular dystrophy [Brown] 320(24):1621–e
Randomized, double-blind six-month trial of prednisone in Duchenne's muscular dystrophy [Mendell & others] 320(24):1592*; [Brown] 320(24):1621–e
Music
Medical problems of musicians [Lockwood] 320(4):221–sa; [Lederman] 320(4):246–e
Medicine in music [Graham] 320(12):812–c
Performing arts medicine [Lederman] 320(4):246–e
Mutation
Diagnosis of genetic disorders at the DNA level [Antonarakis] 320(3):153–mp
Malformations due to presumed spontaneous mutations in newborn infants [Nelson & Holmes] 320(1):19*
Mitochondrial DNA mutation as a cause of Leber's hereditary optic neuropathy [Singh & others] 320(20):1300*; [Harding] 320(20):1341–e
Mycobacterium avium
Direct visualization of mycobacteria in blood culture [Moffie & others] 320(1):61–c
MGH Case Records (Case 23-1989): A 25-year-old woman with a right pulmonary density 14 months after a right upper lobectomy for an atypical carcinoid tumor [Daly & Mark] 320(23):1540–cpc
Mycobacterium Infections
MGH Case Records (Case 17-1989): A 58-year-old man with cavitary lung disease [Epler & Mark] 320(17):1130–cpc
Myocardial Infarction
Aspirin, heparin, or both to treat unstable angina [Spodick & others] 320(15):1014–c
Comparison of high-dose with low-dose subcutaneous heparin to prevent left ventricular mural thrombosis in patients with acute transmural anterior myocardial infarction [Turpie & others] 320(6):352*; [Fuster & Halperin] 320(6):392–e
Comparison of invasive and conservative strategies after treatment with intravenous tissue plasminogen activator in acute myocardial infarction: results of the Thrombolysis in Myocardial Infarction (TIMI) Phase II Trial [TIMI Study Group] 320(10):618*; [Guerci & Ross] 320(10): 663–e
Diltiazem and mortality and reinfarction after myocardial infarction [Durrleman & others] 320(2):123–c
Effect of intravenous streptokinase as compared with that of tissue plasminogen activator on left ventricular function after first myocardial infarction [White & others] 320(13): 817*; [Rapaport] 320(13):861–e
In-hospital outcome in patients with coronary artery disease in whom myocardial infarction has been ruled out [Fesmire & others] 320(21):1423–c
Left ventricular thrombi and cerebral embolism [Fuster & Halperin] 320(6):392–e
"Low yield" cigarettes and the risk of nonfatal myocardial infarction in women [Palmer & others] 320(24):1569*; [Benowitz] 320(24):1619–e
Occlusive coronary-artery spasm as a cause of acute myocardial infarction after coronary-artery bypass grafting [Fischell & others] 320(6):400–c
Outpatient versus inpatient cardiac catheterization [Roehm & others] 320(14):938–c
Thrombolytic agents in acute myocardial infarction [Rapaport] 320(13):861–e
TIMI II and the role of angioplasty in acute myocardial infarction [Guerci & Ross] 320(10):663–e
Myocardium
Calcium-antagonist receptors in the atrial tissue of patients with hypertrophic cardiomyopathy [Wagner & others] 320(12):755*; [Braunwald] 320(12):800–e
Effects of alcoholism on skeletal and cardiac muscle [Urbano-Marquez & others] 320(7):409*; [Diamond] 320(7): 458–e
***myo*-Inositol**
Pathogenesis of diabetic neuropathy [Winegrad & others] 320(1):57–c
Myositis
HTLV-I polymyositis in a patient also infected with the human immunodeficiency virus [Wiley & others] 320(15): 992–mi

N

NADH Dehydrogenase
Mitochondrial DNA mutation as a cause of Leber's hereditary optic neuropathy [Singh & others] 320(20):1300*; [Harding] 320(20):1341–e
NADH, NADPH Oxidoreductases
Defect in mitochondrial electron-transport activity (NADH–coenzyme Q oxidoreductase) in Leber's hereditary optic neuropathy [Parker & others] 320(20):1331–mi; [Harding] 320(20):1341–e
NADPH Oxidase
Tissue destruction by neutrophils [Weiss] 320(6):365–md
Nafarelin
Pituitary–ovarian responses to nafarelin testing in the polycystic ovary syndrome [Barnes & others] 320(9):559*
National Health Insurance, United States
Consumer-choice health plan for the 1990s: universal health insurance in a system designed to promote quality and economy (in two parts) [Enthoven & Kronick] 320(1): 29–sa; 320(2):94–sa; [Relman] 320(2):117–e; [Relman] 320(5):314–e; [Disler & others] 320(24):1629–c
National health program for the United States: a physicians' proposal [Himmelstein & others] 320(2):102–sa; [Relman] 320(2):117–e; [Relman] 320(5):314–e
National Leadership Commission's health care plan [Relman] 320(5):314–e
Universal health insurance: its time has come [Relman] 320(2):117–e; [Relman] 320(5):314–e
National Health Programs
American medicine at the crossroads: signs from Canada [Relman] 320(9):590–e
Controlling health expenditures — the Canadian reality [Evans & others] 320(9):571–sa; [Relman] 320(9):590–e
National Health Service, British
Proposals for reform of the British National Health Service [Lister] 320(13):877–sr
National Institutes of Health
Ethical use of human fetal tissue in medicine [Greely & others] 320(16):1093–sr; [Annas & Elias] 320(16):1079–sb
Mapping and sequencing the human genome [McKusick] 320(14):910–sa
Natriuretic Peptides, Atrial
Atrial natriuretic factor and sodium intake in offspring of hypertensive and normotensive parents [van Hooft & others] 320(13):867–c

Atrial natriuretic peptide and pulmonary edema [Spodick] 320(10):671–c
Plasma levels of atrial natriuretic peptide in transient left ventricular ischemia [Gasser & others] 320(26):1752–c

Needles
Changes in needle sharing and syringe cleaning among San Francisco drug abusers [Sorensen & others] 320(12): 807–c
Needle-stick injury [Mezitis & others] 320(5):316–c

***nef* Protein**
Persistent antibody response to the HIV-1-negative regulatory factor in HIV-1-infected seronegative persons [Ameisen & others] 320(4):251–c

Neisseria gonorrhoeae
Efficacy of neonatal ocular prophylaxis for the prevention of chlamydial and gonococcal conjunctivitis [Hammerschlag & others] 320(12):769*; [Schachter] 320(12):802–e

Neoplasm Recurrence, Local
Eight-year results of a randomized clinical trial comparing total mastectomy and lumpectomy with or without irradiation in the treatment of breast cancer [Fisher & others] 320(13):822*

Neoplasms
Antibiotics for the treatment of febrile children with neutropenia and cancer [Rubin & others] 320(14):939–c
Body iron stores and the risk of cancer [Yip & others] 320(15):1012–c
Recombinant GM-CSF in myelosuppression of chemotherapy [Pollak & others] 320(4):253–c
Role of the vitamin D endocrine system in health and disease [Reichel & others] 320(15):980–mp

Neoplasms, Multiple Primary
MGH Case Records (Case 13-1989): A 76-year-old woman with multiple bone lesions and thrombocytopenia [Brower & Rosenberg] 320(13):854–cpc
MGH Case Records (Case 15-1989): A 52-year-old man with neurofibromatosis and jaundice [Erbe & Compton] 320(15):996–cpc

Neoplasms, Radiation-Induced
Indoor radon and lung cancer [Samet & Nero] 320(9):591–sb

Nephrocalcinosis
Microscopic nephrocalcinosis in cystic fibrosis [Couper & others] 320(5):318–c

Nephropathy, IgA
Thin-basement-membrane nephropathy [Dische & others] 320(26):1752–c
Thin-basement-membrane nephropathy in adults with persistent hematuria [Tiebosch & others] 320(1):14*; [Glassock] 320(1):51–e; [Dische & others] 320(26):1752–c
Through thick and thin [Glassock] 320(1):51–e

Nephropathy, Membranous
Randomized controlled trial of prednisone in patients with idiopathic membranous nephropathy [Cattran & others] 320(4):210*; [Relman] 320(4):248–e
Randomized trial of methylprednisolone and chlorambucil in idiopathic membranous nephropathy [Ponticelli & others] 320(1):8*; [Glassock] 320(1):51–e
Through thick and thin [Glassock] 320(1):51–e
What have we learned about the treatment of idiopathic membranous nephropathy with steroids? [Relman] 320(4): 248–e

Nephrotic Syndrome
Gamma globulin deficiency in newborns with congenital nephrotic syndrome [Mathias & others] 320(6):398–c, 320(18):1227–x

Neuroaxonal Dystrophy
Neuroaxonal dystrophy due to lysosomal α-*N*-acetylgalactosaminidase deficiency [Schindler & others] 320(26): 1735–mi

Neurofibromatosis
MGH Case Records (Case 15-1989): A 52-year-old man with neurofibromatosis and jaundice [Erbe & Compton] 320(15):996–cpc

Neurologic Manifestations
Neuroaxonal dystrophy due to lysosomal α-*N*-acetylgalactosaminidase deficiency [Schindler & others] 320(26): 1735–mi

Neuromuscular Diseases
Mitochondrial DNA mutation as a cause of Leber's hereditary optic neuropathy [Singh & others] 320(20):1300*; [Harding] 320(20):1341–e

Neuronal Ceroid Lipofuscinosis
Immunoreactivity of ceroid lipofuscin storage pigment in Batten disease with monoclonal antibodies to the amyloid beta-protein [Wisniewski & Maslinska] 320(4):256–c

Neurosyphilis
Recurrent syphilitic uveitis [Richards & others] 320(1):62–c

Neutropenia
Antibiotics for the treatment of febrile children with neutropenia and cancer [Rubin & others] 320(14):939–c
Effects of human granulocyte colony-stimulating factor in a patient with idiopathic neutropenia [Jakubowski & others] 320(1):38–mi
Effects of recombinant human granulocyte colony-stimulating factor on neutropenia in patients with congenital agranulocytosis [Bonilla & others] 320(24):1574*
Treatment of cyclic neutropenia with granulocyte colony-stimulating factor [Hammond & others] 320(20):1306*; [Quesenberry] 320(20):1343–e

Neutrophils
Effects of recombinant human granulocyte colony-stimulating factor on neutropenia in patients with congenital agranulocytosis [Bonilla & others] 320(24):1574*
Tissue destruction by neutrophils [Weiss] 320(6):365–md
Treatment of cyclic neutropenia with granulocyte colony-stimulating factor [Hammond & others] 320(20):1306*; [Quesenberry] 320(20):1343–e

New England Journal of Medicine
Endorsement of "patient promise" program [Schwartz & Bressler] 320(20):1354–c

Nicotine
Effect of nicotine on energy expenditure during light physical activity [Perkins & others] 320(14):898*; [Rigotti] 320(14):931–e
"Low yield" cigarettes and the risk of nonfatal myocardial infarction in women [Palmer & others] 320(24):1569*; [Benowitz] 320(24):1619–e

Niemann–Pick Disease
Glycogen storage disease associated with Niemann–Pick disease [Narita & others] 320(12):810–c

Nomenclature
Cephawhatchamacallums [Ellis & Lancaster] 320(13):872–c
DNAR: do not *attempt* resuscitation [Hadorn] 320(10):673–c

Norfloxacin
Case 43-1988 [Neu & Bynum] 320(17):1148–c

Nosocomial Infections
Nosocomial acquisition of *Clostridium difficile* infection [McFarland & others] 320(4):204*
Reduction of nosocomial infection during pediatric intensive care by protective isolation [Klein & others] 320(26):1714*

Nuclear Magnetic Resonance
Effect of triglyceride levels on methyl and methylene envelope line widths in proton nuclear magnetic resonance spectroscopy of human plasma [Mims & others] 320(22):1452*

Nuclear Warfare
Teenagers' concerns about nuclear war [Poses & others] 320(2):127–c

Nucleotide Mapping
Mapping and sequencing the human genome [McKusick] 320(14):910–sa

Nursing Homes
Changes in the location of death after passage of Medicare's prospective payment system: a national study [Sager & others] 320(7):433–sa
Effects of PPS on the care of elderly patients with hip fracture [Cogen & others] 320(13):871–c

Use of psychoactive medication and the quality of care in rest homes: findings and policy implications of a statewide study [Avorn & others] 320(4):227–sa

Nursing Services
Paging patterns: a nurse's view [Barton & others] 320(17): 1151–c

O

Obesity
Changes in lipoproteins during weight loss [Massé & others] 320(10):668–c
Ursodeoxycholic acid and gallstones during weight loss [Seaton & others] 320(20):1351–c

Obstetrics
Physician factor in cesarean birth rates [Goyert & others] 320(11):706–sa
Program to lower cesarean section rates [Golde & others] 320(25):1692–c

Occasional Notes
William Osler's departure from North America: the price of success [Fye] 320(21):1425–on; [Relman] 320(21):1411–e

Occult Blood
Oral iron and the Hemoccult test: a controversy on the teaching wards [Kulbaski & others] 320(22):1500–c

Occupational Diseases
Asbestos-related diseases [Mossman & Gee] 320(26): 1721–mp
Medical problems of musicians [Lockwood] 320(4):221–sa; [Lederman] 320(4):246–e
Performing arts medicine [Lederman] 320(4):246–e

Oddi's Sphincter
Efficacy of endoscopic sphincterotomy after cholecystectomy in patients with sphincter-of-Oddi dysfunction [Geenen & others] 320(2):82*

OKT Monoclonal Antibodies
Systemic reaction to the anti–T-cell monoclonal antibody OKT3 in relation to serum levels of tumor necrosis factor and interferon-α [Chatenoud & others] 320(21): 1420–c

Omeprazole
Effect of omeprazole and ranitidine on ulcer healing and relapse rates in patients with benign gastric ulcer [Walan & others] 320(2):69*
Regression of Barrett's epithelium with omeprazole [Deviere & others] 320(22):1497–c

Oncogenes
bcl-2 and other genomic alterations in the prognosis of large-cell lymphoma [Yunis & others] 320(16):1047*

Oocytes
Pregnancy after oocyte collection and total ovariectomy [Sèle & others] 320(26):1756–c

Ophthalmia Neonatorum
Efficacy of neonatal ocular prophylaxis for the prevention of chlamydial and gonococcal conjunctivitis [Hammerschlag & others] 320(12):769*; [Schachter] 320(12):802–e
Why we need a program for the control of *Chlamydia trachomatis* [Schachter] 320(12):802–e

Ophthalmology
Superstar ophthalmology and HMOs [Berman & Beauchamp] 320(17):1150–c

Ophthalmoplegia
Mitochondrial DNA deletions in progressive external ophthalmoplegia and Kearns–Sayre syndrome [Moraes & others] 320(20):1293*; [Harding] 320(20):1341–e

Optic Atrophy, Hereditary
Defect in mitochondrial electron-transport activity (NADH–coenzyme Q oxidoreductase) in Leber's hereditary optic neuropathy [Parker & others] 320(20):1331–mi; [Harding] 320(20):1341–e
Mitochondrial DNA mutation as a cause of Leber's hereditary optic neuropathy [Singh & others] 320(20):1300*; [Harding] 320(20):1341–e
Mitochondrial genome — breaking the magic circle [Harding] 320(20):1341–e

Orbital Neoplasms
MGH Case Records (Case 7-1989): Unilateral exophthalmos three years after treatment of cervical and mediastinal Hodgkin's disease [Jakobiec & Ferry] 320(7):447–cpc

Ortner's Syndrome
MGH Case Records (Case 19-1989): A 41-year-old woman with mitral stenosis, exertional dyspnea, and persistent hoarseness [Wheeler & Block] 320(19):1260–cpc

Osler, William
Johns Hopkins Centennial [Relman] 320(21):1411–e
William Osler's departure from North America: the price of success [Fye] 320(21):1425–on; [Relman] 320(21): 1411–e

Osteoarthritis
Biology of osteoarthritis [Hamerman] 320(20):1322–md

Osteomyelitis
MGH Case Records (Case 24-1989): A 77-year-old man with back pain and acute inability to walk [Borges & Rosenberg] 320(24):1610–cpc

Osteopetrosis
Elevated levels of creatine kinase BB isoenzyme in three patients with adult osteopetrosis [Yoneyama & others] 320(19):1284–c

Osteoporosis
Abnormalities in parathyroid hormone secretion and 1,25-dihydroxyvitamin D_3 formation in women with osteoporosis [Silverberg & others] 320(5):277*; [Franz & others] 320(25):1697–c
Reduced bone mass in daughters of women with osteoporosis [Seeman & others] 320(9):554*

Otolaryngology
Transmission of infectious agents by inadequately sterilized ENT instruments [Malt & others] 320(11):741–c

Outcome and Process Assessment
State of outcome research: are we on target? [Greenfield] 320(17):1142–e

Outcome Assessment
Outcomes management: a technology of patient experience [Knaus & Bracher] 320(9):600–c

Outpatient Clinics
Comparative effectiveness and costs of inpatient and outpatient detoxification of patients with mild-to-moderate alcohol withdrawal syndrome [Hayashida & others] 320(6): 358–sa; [Klerman] 320(6):394–e

Outpatients
Clinical course and prognosis of hypertrophic cardiomyopathy in an outpatient population [Spirito & others] 320(12): 749*; [Braunwald] 320(12):800–e

Ovariectomy
Pregnancy after oocyte collection and total ovariectomy [Sèle & others] 320(26):1756–c

Ovary
Pituitary–ovarian responses to nafarelin testing in the polycystic ovary syndrome [Barnes & others] 320(9):559*

Oxygenators, Membrane
Exposure to di(2-ethylhexyl) phthalate in infants receiving extracorporeal membrane oxygenation [Shneider & others] 320(23):1563–c

P

Pain
Is extracorporeal biliary lithotripsy painless? My experience with three shock-wave sources [Staritz] 320(12):811–c

Paleopathology
Threat to paleopathology and medical research [Neiburger] 320(9):600–c

Papillomaviruses
DNA of human papillomavirus Type 16 in dysplastic and malignant lesions of the conjunctiva and cornea [McDonnell & others] 320(22):1442*

Human papillomavirus infection and cervical cancer in Latin America [Reeves & others] 320(22):1437*

Parasitic Diseases
Dangers of eating raw fish [Schantz] 320(17):1143–e
Eustrongylidiasis — a parasitic infection acquired by eating sushi [Wittner & others] 320(17):1124–mi; [Schantz] 320(17):1143–e

Parathyroid Hormones
Abnormalities in parathyroid hormone secretion and 1,25-dihydroxyvitamin D_3 formation in women with osteoporosis [Silverberg & others] 320(5):277*; [Franz & others] 320(25):1697–c; [Franz & others] 320(25):1697–c

Paresis
Treatment of spastic paresis [Young] 320(23):1553–e

Parkinson's Disease
Did Leonardo describe Parkinson's disease? [Calne & others] 320(9):594–c
Multicenter study of autologous adrenal medullary transplantation to the corpus striatum in patients with advanced Parkinson's disease [Goetz & others] 320(6):337*

Partial Pressure
Assessing acid–base status in circulatory failure: differences between arterial and central venous blood [Adrogué & others] 320(20):1312*; [Bleich] 320(20):1345–e
Clinical implications of venous carbon dioxide tension [Bleich] 320(20):1345–e

Patient Advocacy
Constitutional right to health care: denial in the court [Curran] 320(12):788–mi
Physician's responsibility toward hopelessly ill patients: a second look [Wanzer & others] 320(13):844–sa

Patient Care Planning
How do house officers spend their nights? A time study of internal medicine house staff on call [Lurie & others] 320(25):1673–sa; [Mellinkoff] 320(25):1689–e
Residency years [Mellinkoff] 320(25):1689–e

Patient Isolation
Reduction of nosocomial infection during pediatric intensive care by protective isolation [Klein & others] 320(26):1714*

Patient Transfer
Changes in the location of death after passage of Medicare's prospective payment system: a national study [Sager & others] 320(7):433–sa
Informed consent in interhospital patient transfer [Siegel & others] 320(4):258–c

Peer Review
Legal immunity for medical peer-review programs: new policies explored [Curran] 320(4):233–mi
Redundant publication [Angell & Relman] 320(18):1212–e

Pemphigus
Pathogenic effect of IgG4 autoantibodies in endemic pemphigus foliaceus (fogo selvagem) [Rock & others] 320(22):1463*

Penile Erection
Impaired neurogenic and endothelium-mediated relaxation of penile smooth muscle from diabetic men with impotence [Saenz de Tejada & others] 320(16):1025*

Penis
Impaired neurogenic and endothelium-mediated relaxation of penile smooth muscle from diabetic men with impotence [Saenz de Tejada & others] 320(16):1025*

Pentamidine
Intravenous saline as adjunctive therapy for patients with AIDS given pentamidine [Goldfarb] 320(19):1281–c

Peptic Ulcer Perforation
Randomized trial of nonoperative treatment for perforated peptic ulcer [Crofts & others] 320(15):970*

Perinatal Transmission
Human immunodeficiency virus infection of newborns [Katz & Wilfert] 320(25):1687–e
Perinatal transmission of the human immunodeficiency virus type 1 to infants of seropositive women in Zaire [Ryder & others] 320(25):1637*; [Katz & Wilfert] 320(25):1687–e
Prospective study of infants born to women seropositive for human immunodeficiency virus type 1 [Blanche & others] 320(25):1643*; [Katz & Wilfert] 320(25):1687–e
Use of the polymerase chain reaction for early detection of the proviral sequences of human immunodeficiency virus in infants born to seropositive mothers [Rogers & others] 320(25):1649*; [Katz & Wilfert] 320(25):1687–e

Periodicals
Concern for economic issues in health care as reflected in the medical literature [Markman] 320(3):188–c

Peritoneal Cavity
Case 35-1988 [Cohen & Goldberg] 320(6):402–c

Peritoneal Neoplasms
MGH Case Records (Case 5-1989): A 27-year-old Greek woman with portal-vein thrombosis and an epigastric mass [Banks & Rosenberg] 320(5):301–cpc

Personnel, Hospital
Care of the VIP patient [O'Leary & others] 320(15):1016–c
Human immunodeficiency virus infection among employees in an African hospital [Allebeck & others] 320(24):1625–c

Phenacetin
Analgesic use and chronic renal disease [Sandler & others] 320(19):1238*; [Bennett & DeBroe] 320(19):1269–e

Phenylephrine
Pseudo cerebral herniation due to phenylephrine nasal spray [Roberts] 320(26):1757–c

Phospholipids
Antihypertensive effects of fish oil: a controlled study of polyunsaturated fatty acid supplements in essential hypertension [Knapp & FitzGerald] 320(16):1037*

Phosphorus
Control of serum phosphorus in uremia [Coburn & Salusky] 320(17):1140–e
Effect of the time of administration of calcium acetate on phosphorus binding [Schiller & others] 320(17):1110*; [Coburn & Salusky] 320(17):1140–e
Modification of diet in renal disease study [Klahr] 320(13):864–sb

Phosphorus Binders
Control of serum phosphorus in uremia [Coburn & Salusky] 320(17):1140–e
Effect of the time of administration of calcium acetate on phosphorus binding [Schiller & others] 320(17):1110*; [Coburn & Salusky] 320(17):1140–e

Phototherapy
Treatment of children with port-wine stains using the flashlamp-pulsed tunable dye laser [Tan & others] 320(7):416*

Physician Incentive Plans
Salaried physicians and economic incentives [Imperato & others] 320(3):187–c

Physician–Patient Relationship
Physician's responsibility toward hopelessly ill patients: a second look [Wanzer & others] 320(13):844–sa

Physician Payment Review System
Recommendations of the Physician Payment Review Commission [Iglehart] 320(17):1156–hpr

Physicians
Critical care medicine [Holbrook & Kelley] 320(2):126–c
Fraud and abuse: setting the limits on physicians' entrepreneurship [Hyman & Williamson] 320(19):1275–sb
Industrial marketing and medical ethics [Bricker] 320(25):1690–sb
Our stubborn quest for diagnostic certainty: a cause of excessive testing [Kassirer] 320(22):1489–sb
Pharmaceutical advertising to left-handed physicians [Bland] 320(13):872–c
Physician and the dying patient [Scofield & others] 320(23):1557–c
Pressure to keep prices high at a walk-in clinic [Yunker & others] 320(3):183–c
Recommendations of the Physician Payment Review Commission [Iglehart] 320(17):1156–hpr
Suggestion for cost containment [Petermann] 320(24):1630–c

We need ethical guidelines for promotion of prescription drugs to physicians [Solomon] 320(25):1700–c

Physicians, Family
Selective medical school admissions policy to increase the number of family physicians [Blohm & others] 320(8): 539–c

Physician's Role
Continuous improvement as an ideal in health care [Berwick] 320(1):53–sb; [Gild & others] 320(21):1424–c
Do physicians have an obligation to treat patients with AIDS? [Lennihan & others] 320(2):120–c
Ideal of continuous improvement [Gild & others] 320(21): 1424–c
Physician's responsibility toward hopelessly ill patients: a second look [Wanzer & others] 320(13):844–sa

Pigmentation Disorders
MGH Case Records (Case 21-1989): A newborn girl with respiratory distress and vesicular skin lesions [Rothman & Imber] 320(21):1399–cpc

Pituitary Gland
Pituitary–ovarian responses to nafarelin testing in the polycystic ovary syndrome [Barnes & others] 320(9):559*

Plamsminogen Activator, Tissue-Type
Comparison of invasive and conservative strategies after treatment with intravenous tissue plasminogen activator in acute myocardial infarction: results of the Thrombolysis in Myocardial Infarction (TIMI) Phase II Trial [TIMI Study Group] 320(10):618*; [Guerci & Ross] 320(10): 663–e

Plasma
Effect of triglyceride levels on methyl and methylene envelope line widths in proton nuclear magnetic resonance spectroscopy of human plasma [Mims & others] 320(22):1452*

Plasmapheresis
Plasmapheresis in the treatment of stiff-man syndrome [Vicari & others] 320(22):1499–c

Plasminogen Activator, Tissue-Type
Effect of intravenous streptokinase as compared with that of tissue plasminogen activator on left ventricular function after first myocardial infarction [White & others] 320(13): 817*; [Rapaport] 320(13):861–e
Promotion and subsequent inhibition of plasminogen activation after administration of intravenous endotoxin to normal subjects [Suffredini & others] 320(18):1165*; [Colman] 320(18):1207–e
Role of plasma proteases in septic shock [Colman] 320(18): 1207–e
Thrombolytic agents in acute myocardial infarction [Rapaport] 320(13):861–e
TIMI II and the role of angioplasty in acute myocardial infarction [Guerci & Ross] 320(10):663–e
Tissue plasminogen activator [de Bono & others] 320(5): 317–c

Plasmodium falciparum
Chemoprophylaxis and treatment of malaria [Williams & others] 320(23):1561–c
Tumor necrosis factor and disease severity in children with falciparum malaria [Grau & others] 320(24):1586*

Platelets
Mechanisms of response to treatment in autoimmune thrombocytopenic purpura [Gernsheimer & others] 320(15): 974*

Pneumocystis carinii
MGH Case Records (Case 9-1989): A 32-year-old man with AIDS and a cavitary pulmonary lesion [Fanburg & Mark] 320(9):582–cpc

Pneumonia
Chlamydia trachomatis pneumonia in an HIV-seropositive patient [Kroon & others] 320(12):806–c
MGH Case Records (Case 23-1989): A 25-year-old woman with a right pulmonary density 14 months after a right upper lobectomy for an atypical carcinoid tumor [Daly & Mark] 320(23):1540–cpc

Pneumonia, *Pneumocystis carinii*
Intravenous saline as adjunctive therapy for patients with AIDS given pentamidine [Goldfarb] 320(19):1281–c
MGH Case Records (Case 9-1989): A 32-year-old man with AIDS and a cavitary pulmonary lesion [Fanburg & Mark] 320(9):582–cpc

Poetry
Adoption: a psalm for Sam [Dorkin] 320(15):1017–c
Appointments at the store (a portrait of manic–depressive illness) [Charach] 320(14):942–c
Biopsies [Charach] 320(18):1223–c
Cancer [Stefanowicz] 320(13):872–c
Child abuse [Carter] 320(20):1355–c
For days when we all are thin [Charach] 320(14):942–c
Question of vitamins [Charach] 320(18):1222–c
Rodeo queen [Young] 320(10):674–c
Spinal anesthesia [Hirschhorn] 320(17):1152–c

Poisoning
Carbon monoxide toxicity in a man working outdoors with a gasoline-powered hydraulic machine [Huff & Kardon] 320(23):1564–c
N-acetylcysteine in the treatment of acetaminophen overdose [Westman & others] 320(21):1417–c

Polycystic Ovary Syndrome
Pituitary–ovarian responses to nafarelin testing in the polycystic ovary syndrome [Barnes & others] 320(9):559*

Polyethylene Glycols
Effect of the time of administration of calcium acetate on phosphorus binding [Schiller & others] 320(17):1110*; [Coburn & Salusky] 320(17):1140–e

Polymerase Chain Reaction
Use of the polymerase chain reaction for early detection of the proviral sequences of human immunodeficiency virus in infants born to seropositive mothers [Rogers & others] 320(25):1649*; [Katz & Wilfert] 320(25):1687–e

Postoperative Complications
Occlusive coronary-artery spasm as a cause of acute myocardial infarction after coronary-artery bypass grafting [Fischell & others] 320(6):400–c
Topical administration of 5-aminosalicylic acid: a therapeutic proposal for the treatment of pouchitis [Miglioli & others] 320(4):257–c
Treatment of diversion colitis with short-chain–fatty acid irrigation [Harig & others] 320(1):23*

Posture
Provocation of bradycardia and hypotension by isoproterenol and upright posture in patients with unexplained syncope [Almquist & others] 320(6):346*; [Abboud] 320(6):390–e

Potassium
Increased blood pressure during potassium depletion in normotensive men [Krishna & others] 320(18):1177*

Potassium Deficiency
Increased blood pressure during potassium depletion in normotensive men [Krishna & others] 320(18):1177*

Prediabetic State
Increased insulin concentrations in nondiabetic offspring of diabetic parents [Ferner & others] 320(19):1282–c

Prednisone
Clonazepam in the treatment of steroid-induced mania in a patient after renal transplantation [Viswanathan & Glickman] 320(5):319–c
Efficacy of adjuvant chemotherapy in high-risk node-negative breast cancer: an intergroup study [Mansour & others] 320(8):485*; [Relman] 320(8):525–e; [McGuire] 320(8): 525–e; [DeVita] 320(8):527–e
Prednisone therapy for Duchenne's muscular dystrophy [Brown] 320(24):1621–e
Randomized controlled trial of prednisone in patients with idiopathic membranous nephropathy [Cattran & others] 320(4):210*; [Relman] 320(4):248–e
Randomized, double-blind six-month trial of prednisone in Duchenne's muscular dystrophy [Mendell & others] 320(24):1592*; [Brown] 320(24):1621–e

What have we learned about the treatment of idiopathic membranous nephropathy with steroids? [Relman] 320(4): 248–e

Pregnancy
Group B streptococcal vaccine in pregnant women [Franciosi & others] 320(12):807–c
Pattern of malformations in the children of women treated with carbamazepine during pregnancy [Jones & others] 320(25):1661*
Pregnancy after oocyte collection and total ovariectomy [Sèle & others] 320(26):1756–c
Pregnancy following transcervical transfer of oocyte and sperm [Veersema & others] 320(22):1499–c
Successful pregnancy in a previously infertile woman treated with SMS-201-995 for acromegaly [Landolt & others] 320(10):671–c

Pregnancy Complications
Effects of maternal marijuana and cocaine use on fetal growth [Zuckerman & others] 320(12):762*
HIV infection in pregnant women in Rhode Island, 1985 to 1988 [Maynard & Indacochea] 320(24):1626–c
Prophylactic transfusions in pregnant patients with sickle cell disease [Morrison & others] 320(19):1286–c
Safety and efficacy of chorionic villus sampling for early prenatal diagnosis of cytogenetic abnormalities [Rhoads & others] 320(10):609*; [Mennuti] 320(10):661–e

Pregnancy Tests, Immunologic
Reliability of home pregnancy-test kits in the hands of laypersons [Hicks & Iosefsohn] 320(5):320–c

Prenatal Care
Prenatal care and low birth weight among blacks and whites [Oechsli & others] 320(15):1010–c

Prenatal Diagnosis
Improving methods of screening for Down's syndrome [White & others] 320(6):401–c
Prenatal diagnosis — advances bring new challenges [Mennuti] 320(10):661–e
Safety and efficacy of chorionic villus sampling for early prenatal diagnosis of cytogenetic abnormalities [Rhoads & others] 320(10):609*; [Mennuti] 320(10):661–e

Prenatal Exposure, Delayed Effects
Pattern of malformations in the children of women treated with carbamazepine during pregnancy [Jones & others] 320(25):1661*

Prescriptions, Drug
When a uniquely effective drug is teratogenic: the case of isotretinoin [Stern] 320(15):1007–sb

Prisoners
Mandatory testing for HIV in federal prisons [Starchild & Quinlan] 320(5):315–c

Prognosis
Diagnosis and prognosis of mitral-valve prolapse [Devereux] 320(16):1077–e
New prognostic staging system for the acquired immunodeficiency syndrome [Justice & others] 320(21):1388–sa

Projection
Slide show saved by tongue depressor [Astrachan] 320(24): 1629–c

Propranolol
Race and therapeutic drug response [Kalow] 320(9): 588–e
Racial differences in drug response: altered sensitivity to and clearance of propranolol in men of Chinese descent as compared with American whites [Zhou & others] 320(9):565*; [Kalow] 320(9):588–e

Prospective Payment System
Changes in the location of death after passage of Medicare's prospective payment system: a national study [Sager & others] 320(7):433–sa
Effect of prospective payment on Medicare expenditures [Russell & Manning] 320(7):439–sa
Effects of PPS on the care of elderly patients with hip fracture [Cogen & others] 320(13):871–c

Prostatectomy
Mortality and reoperation after open and transurethral resection of the prostate for benign prostatic hyperplasia [Roos & others] 320(17):1120–sa; [Greenfield] 320(17):1142–e
State of outcome research: are we on target? [Greenfield] 320(17):1142–e

Prostate-Specific Antigens
"Hook effect": high concentrations of prostate-specific antigen giving artifactually low values on one-step immunoassay [Wolf & others] 320(26):1755–c

Prostatic Hypertrophy
Mortality and reoperation after open and transurethral resection of the prostate for benign prostatic hyperplasia [Roos & others] 320(17):1120–sa; [Greenfield] 320(17):1142–e

Prostatic Neoplasms
"Hook effect": high concentrations of prostate-specific antigen giving artifactually low values on one-step immunoassay [Wolf & others] 320(26):1755–c

Protamines
Association of protamine IgE and IgG antibodies with life-threatening reactions to intravenous protamine [Weiss & others] 320(14):886*

Proteases
Role of plasma proteases in septic shock [Colman] 320(18): 1207–e

Proteinuria
Randomized controlled trial of prednisone in patients with idiopathic membranous nephropathy [Cattran & others] 320(4):210*; [Relman] 320(4):248–e
Randomized trial of methylprednisolone and chlorambucil in idiopathic membranous nephropathy [Ponticelli & others] 320(1):8*; [Glassock] 320(1):51–e

Psychoactive Agents
Use of psychoactive medication and the quality of care in rest homes: findings and policy implications of a statewide study [Avorn & others] 320(4):227–sa

Psychology, Industrial
Continuous improvement as an ideal in health care [Berwick] 320(1):53–sb; [Gild & others] 320(21):1424–c

Psychoses, Substance-Induced
Clonazepam in the treatment of steroid-induced mania in a patient after renal transplantation [Viswanathan & Glickman] 320(5):319–c

Psychotropic Drugs
Use of psychoactive medication and the quality of care in rest homes: findings and policy implications of a statewide study [Avorn & others] 320(4):227–sa

Puberty, Precocious
Treatment of familial male precocious puberty with spironolactone and testolactone [Laue & others] 320(8):496*

Public Health
Health and public policy implications of the "low yield" cigarette [Benowitz] 320(24):1619–e

Publishing
Fraud in biomedical research [Weiss & others] 320(1):57–c
Publication of closely related reports [Saad & others] 320(18):1221–c; [Angell & Relman] 320(18):1212–e
Redundant publication [Angell & Relman] 320(18):1212–e

Pulmonary Edema
Atrial natriuretic peptide and pulmonary edema [Spodick] 320(10):671–c

Pulmonary Fibrosis
MGH Case Records (Case 25-1989): A 56-year-old man with hemoptysis and microscopic hematuria [Coggins & others] 320(25):1677–cpc

Pulmonary Surfactants
Multicenter randomized, placebo-controlled trial of surfactant therapy for respiratory distress syndrome [Horbar & others] 320(15):959*

Purpura, Thrombocytopenic
Mechanisms of response to treatment in autoimmune thrombocytopenic purpura [Gernsheimer & others] 320(15): 974*

Pygmies
Low levels of high-affinity growth hormone–binding protein in African pygmies [Baumann & others] 320(26): 1705*
Pyrimethamine
Treatment and prophylaxis of *Isospora belli* infection in patients with the acquired immunodeficiency syndrome [Pape & others] 320(16):1044*

Q

Quality Assurance, Health Care
Continuous improvement as an ideal in health care [Berwick] 320(1):53–sb; [Gild & others] 320(21):1424–c
Ideal of continuous improvement [Gild & others] 320(21): 1424–c
Quality of Care
Changes in the location of death after passage of Medicare's prospective payment system: a national study [Sager & others] 320(7):433–sa
Quality of Health Care
Consumer-choice health plan for the 1990s: universal health insurance in a system designed to promote quality and economy (in two parts) [Enthoven & Kronick] 320(1): 29–sa; 320(2):94–sa; [Relman] 320(2):117–e; [Relman] 320(5):314–e; [Disler & others] 320(24):1629–c
Ideal of continuous improvement [Gild & others] 320(21): 1424–c
Initiative to evaluate and improve medical practice [Tayloe & others] 320(16):1084–c
Paging patterns: a nurse's view [Barton & others] 320(17): 1151–c
Use of psychoactive medication and the quality of care in rest homes: findings and policy implications of a statewide study [Avorn & others] 320(4):227–sa
Quarantine
Controlling AIDS in Cuba: the logic of quarantine [Bayer & Healton] 320(15):1022–sr; [Quinn & others] 320(15): 1005–e
Quinolones
Case 43-1988 [Neu & Bynum] 320(17):1148–c

R

Radioactive Pollutants
Indoor radon and lung cancer [Samet & Nero] 320(9):591–sb
Radiography
Closer look at radiocontrast-induced nephropathy [Brezis & Epstein] 320(3):179–e
Contrast material–induced renal failure in patients with diabetes mellitus, renal insufficiency, or both: a prospective controlled study [Parfrey & others] 320(3):143*; [Brezis & Epstein] 320(3):179–e
Contrast nephrotoxicity: a randomized controlled trial of a nonionic and an ionic radiographic contrast agent [Schwab & others] 320(3):149*; [Brezis & Epstein] 320(3):179–e
Radiotherapy
Recurrence of thyroid nodules after surgical removal in patients irradiated in childhood for benign conditions [Fogelfeld & others] 320(13):835*
Radon
Indoor radon and lung cancer [Samet & Nero] 320(9):591–sb
Ranitidine
Effect of omeprazole and ranitidine on ulcer healing and relapse rates in patients with benign gastric ulcer [Walan & others] 320(2):69*
Randomized study of maintenance therapy with ranitidine to prevent the recurrence of duodenal ulcer [Van Deventer & others] 320(17):1113*
Randomized trial of nonoperative treatment for perforated peptic ulcer [Crofts & others] 320(15):970*
Receptors, Adrenergic Beta
Calcium-antagonist receptors in the atrial tissue of patients with hypertrophic cardiomyopathy [Wagner & others] 320(12):755*; [Braunwald] 320(12):800–e
Receptors, Endogenous
Specificity spillover at the hormone receptor — exploring its role in human disease [Fradkin & others] 320(10):640–md
Receptors, Estrogen
Prediction of relapse or survival in patients with node-negative breast cancer by DNA flow cytometry [Clark & others] 320(10):627*
Receptors, Interleukin-2
Immunodeficiency characterized by defective signal transduction in T lymphocytes [Chatila & others] 320(11):696*
Receptors, Progesterone
Prediction of relapse or survival in patients with node-negative breast cancer by DNA flow cytometry [Clark & others] 320(10):627*
Receptors, Somatotropin
Low levels of high-affinity growth hormone–binding protein in African pygmies [Baumann & others] 320(26):1705*
Recombinant Proteins
Detection of autoantibodies to recombinant mitochondrial proteins in patients with primary biliary cirrhosis [Van de Water & others] 320(21):1377*
Effect of intravenous streptokinase as compared with that of tissue plasminogen activator on left ventricular function after first myocardial infarction [White & others] 320(13): 817*; [Rapaport] 320(13):861–e
Effects of human granulocyte colony-stimulating factor in a patient with idiopathic neutropenia [Jakubowski & others] 320(1):38–mi
Recombinant human GM-CSF in myelosuppression of chemotherapy (continued) [Bar & others] 320(14):939–c
Treatment of cyclic neutropenia with granulocyte colony-stimulating factor [Hammond & others] 320(20):1306*; [Quesenberry] 320(20):1343–e
Use of recombinant antihemophilic factor in the treatment of two patients with classic hemophilia [White & others] 320(3):166–mi
Records
Making laboratory reports easier to read [Hirschfeld] 320(5): 321–c
Rectum
Treatment of diversion colitis with short-chain–fatty acid irrigation [Harig & others] 320(1):23*
Rehydration, Oral
Oral dehydration therapy [Rawson] 320(23):1562–c
Reimbursement Mechanisms
Resource-based relative-value scale for physicians' reimbursement [Cook & others] 320(8):533–c
Renal Circulation
Prerenal failure [Iberti & others] 320(6):397–c
Renin–Angiotensin System
Increased blood pressure during potassium depletion in normotensive men [Krishna & others] 320(18):1177*
Research
Brain donation [Stopa & Bird] 320(1):62–c
Fraud in biomedical research [Weiss & others] 320(1):57–c
Threat to paleopathology and medical research [Neiburger] 320(9):600–c
Will we face a crisis in biomedical-research brainpower in the 21st century? [Bickel & others] 320(16):1086–c
Research Support
Mapping and sequencing the human genome [McKusick] 320(14):910–sa
Resistance Factors
Methicillin-resistant *Staphylococcus aureus* [Brumfitt & Hamilton-Miller] 320(18):1188–mp
Respiration
Breathing patterns in recipients of heart–lung transplants [Systrom & others] 320(10):669–c
Respiration, Artificial
High-frequency oscillatory ventilation compared with conventional mechanical ventilation in the treatment of respi-

ratory failure in preterm infants [HIFI Study Group] 320(2):88*; [Froese & others] 320(25):1694–c
Treatment of respiratory failure in preterm infants [Froese & others] 320(25):1694–c
Respiratory Distress Syndrome
Multicenter randomized, placebo-controlled trial of surfactant therapy for respiratory distress syndrome [Horbar & others] 320(15):959*
Respiratory Failure
High-frequency oscillatory ventilation compared with conventional mechanical ventilation in the treatment of respiratory failure in preterm infants [HIFI Study Group] 320(2):88*; [Froese & others] 320(25):1694–c
Treatment of respiratory failure in preterm infants [Froese & others] 320(25):1694–c
Respiratory Muscles
Randomized, controlled trial of theophylline in patients with severe chronic obstructive pulmonary disease [Murciano & others] 320(23):1521*; [Drazen & Gerard] 320(23):1555–e
Respiratory Sounds
Cardiac asthma — a fresh look at an old wheeze [Fishman] 320(20):1346–e
Restraint, Physical
Brachial plexus injury due to vest restraints [Scott & Gross] 320(9):598–c
Using restraints in the elderly because of fear of litigation [Francis] 320(13):870–c
Restriction-Fragment–Length Polymorphisms
Clonal hematopoiesis demonstrated by X-linked DNA polymorphisms after allogeneic bone marrow transplantation [Turhan & others] 320(25):1655*
Resuscitation
DNAR: do not *attempt* resuscitation [Hadorn] 320(10):673–c
Retinal Diseases
Defect in mitochondrial electron-transport activity (NADH–coenzyme Q oxidoreductase) in Leber's hereditary optic neuropathy [Parker & others] 320(20):1331–mi; [Harding] 320(20):1341–e
Mitochondrial DNA mutation as a cause of Leber's hereditary optic neuropathy [Singh & others] 320(20):1300*; [Harding] 320(20):1341–e
Retinitis
GM-CSF with ganciclovir for the treatment of CMV retinitis in AIDS [Grossberg & others] 320(23):1560–c
Retinopathy of Prematurity
Retinopathy of prematurity and bilirubin [Heyman & others] 320(4):256–c
Rhabdomyolysis
Acute rhabdomyolysis associated with cocaine intoxication [Kothur & others] 320(10):667–c
Rheumatic Heart Disease
MGH Case Records (Case 19-1989): A 41-year-old woman with mitral stenosis, exertional dyspnea, and persistent hoarseness [Wheeler & Block] 320(19):1260–cpc
Rhinitis
Association of asthma with serum IgE levels and skin-test reactivity to allergens [Burrows & others] 320(5):271*; [Platts-Mills & others] 320(25):1696–c
Asthma and serum levels of IgE [Platts-Mills & others] 320(25):1696–c
Right to Die
Physician's responsibility toward hopelessly ill patients: a second look [Wanzer & others] 320(13):844–sa
Rubber
Rubber anaphylaxis [Slater] 320(17):1126–mi

S

Salaries and Fringe Benefits
Hired help: a physician's experiences in a for-profit staff-model HMO [Hudson & others] 320(3):185–c
Salaried physicians and economic incentives [Imperato & others] 320(3):187–c
Saline
Intravenous saline as adjunctive therapy for patients with AIDS given pentamidine [Goldfarb] 320(19):1281–c
Saliva
Antibodies to HIV in saliva [Shoeman & others] 320(17):1145–c
Sarcoidosis
MGH Case Records (Case 2-1989): A 59-year-old woman with asthma and multiple pulmonary nodules [Levine & Mark] 320(2):108–cpc
School Admission Criteria
Selective medical school admissions policy to increase the number of family physicians [Blohm & others] 320(8):539–c
Schools, Medical
I cannot afford to go to medical school [Holt] 320(24):1630–c
Sciatic Nerve
Pedal pusher's palsy [Haig] 320(1):63–c
Scleroderma, Systemic
MGH Case Records (Case 20-1989): A 33-year-old woman with exertional dyspnea and Raynaud's phenomenon [Kanarek & Mark] 320(20):1333–cpc
Sclerosing Solutions
Controversies in the management of bleeding esophageal varices (in two parts) [Terblanche & others] 320(21):1393–mp; 320(22):1469–mp
Seizures
Alcohol consumption and withdrawal in new-onset seizures [Edelsberg & others] 320(9):596–c
Seminars in Medicine of the Beth Israel Hospital, Boston
Lipoprotein lipase: a multifunctional enzyme relevant to common metabolic diseases [Eckel] 320(16):1060–bi
Septicemia
Promotion and subsequent inhibition of plasminogen activation after administration of intravenous endotoxin to normal subjects [Suffredini & others] 320(18):1165*; [Colman] 320(18):1207–e
Role of plasma proteases in septic shock [Colman] 320(18):1207–e
Yersinia enterocolitica serotype O:3 sepsis after blood transfusion [Bufill & Ritch] 320(12):810–c
Sex Behavior
Transmission of HIV infection from a woman to a man by oral sex [Spitzer & Weiner] 320(4):251–c
Sexually Transmitted Diseases
Case for wider use of testing for HIV infection [Rhame & Maki] 320(19):1248–sa
Shock, Septic
Role of plasma proteases in septic shock [Colman] 320(18):1207–e
Signal Transduction
Immunodeficiency characterized by defective signal transduction in T lymphocytes [Chatila & others] 320(11):696*
Silver Nitrate
Efficacy of neonatal ocular prophylaxis for the prevention of chlamydial and gonococcal conjunctivitis [Hammerschlag & others] 320(12):769*; [Schachter] 320(12):802–e
Sinus of Valsalva
MGH Case Records (Case 22-1989): Sudden collapse of a 17-year-old girl during exertion [Liberthson & Southern] 320(22):1475–cpc
Skin
MGH Case Records (Case 20-1989): A 33-year-old woman with exertional dyspnea and Raynaud's phenomenon [Kanarek & Mark] 320(20):1333–cpc
Skin Diseases, Infectious
Abrasive shirts may contribute to herpes gladiatorum among wrestlers [Strauss & others] 320(9):598–c
Skin Neoplasms
Treatment of children with port-wine stains using the flashlamp-pulsed tunable dye laser [Tan & others] 320(7):416*
Skin Tests
Association of asthma with serum IgE levels and skin-test

reactivity to allergens [Burrows & others] 320(5):271*; [Platts-Mills & others] 320(25):1696–c
Asthma and serum levels of IgE [Platts-Mills & others] 320(25):1696–c

Sleep Apnea Syndromes
Severity of sleep apnea and automobile crashes [Findley & others] 320(13):868–c

Smoking
Cigarette export promotion by the American government [Wilde] 320(9):600–c
Cigarette smoking and body weight [Rigotti] 320(14):931–e
Effect of nicotine on energy expenditure during light physical activity [Perkins & others] 320(14):898*; [Rigotti] 320(14):931–e
Health and public policy implications of the "low yield" cigarette [Benowitz] 320(24):1619–e
"Low yield" cigarettes and the risk of nonfatal myocardial infarction in women [Palmer & others] 320(24):1569*; [Benowitz] 320(24):1619–e
Smoking cessation in older patients with coronary artery disease [Hare & others] 320(17):1149–c

Smoking, Passive
Health effects of involuntary smoking [Seidman & others] 320(19):1287–c

SMS-201-995
Successful pregnancy in a previously infertile woman treated with SMS-201-995 for acromegaly [Landolt & others] 320(10):671–c

Socioeconomic Factors
HIV-1, HIV-2, and HTLV-I infection in high-risk groups in Brazil [Cortes & others] 320(15):953*; [Quinn & others] 320(15):1005–e
Variations in rates of hospitalization of children in three urban communities [Perrin & others] 320(18):1183–sa; [Wise & Eisenberg] 320(18):1209–e
What do regional variations in the rates of hospitalization of children really mean? [Wise & Eisenberg] 320(18):1209–e

Sodium
Atrial natriuretic factor and sodium intake in offspring of hypertensive and normotensive parents [van Hooft & others] 320(13):867–c
Pathogenesis of sodium and water retention [Munoz & Schrier] 320(23):1561–c
Release of endogenous digitalis-like factor with sodium loading [Goto & others] 320(2):124–c

Software
Computer-virus infection of a medical diagnostic computer [Juni & Ponto] 320(12):811–c

Somatomedin C
Child with phenotypic Laron dwarfism and normal somatomedin levels [Pintor & others] 320(6):376–mi; [Laron & others] 320(25):1698–c

Somatostatinoma
MGH Case Records (Case 15-1989): A 52-year-old man with neurofibromatosis and jaundice [Erbe & Compton] 320(15):996–cpc

Somatotropin
Child with phenotypic Laron dwarfism and normal somatomedin levels [Pintor & others] 320(6):376–mi; [Laron & others] 320(25):1698–c
Low levels of high-affinity growth hormone–binding protein in African pygmies [Baumann & others] 320(26):1705*

Sorbitol
Pathogenesis of diabetic neuropathy [Winegrad & others] 320(1):57–c

Soybeans
Community outbreaks of asthma associated with inhalation of soybean dust [Antó & others] 320(17):1097*

Special Report
Ethical use of human fetal tissue in medicine [Greely & others] 320(16):1093–sr; [Annas & Elias] 320(16):1079–sb
Kidney dialysis treatment for victims of the Armenian earthquake [Collins] 320(19):1291–sr
Proposals for reform of the British National Health Service [Lister] 320(13):877–sr

Specialties, Medical
Critical care medicine [Holbrook & Kelley] 320(2):126–c

Spina Bifida
Rubber anaphylaxis [Slater] 320(17):1126–mi

Spinal Cord
Intrathecal baclofen for severe spinal spasticity [Penn & others] 320(23):1517*; [Young] 320(23):1553–e
MGH Case Records (Case 24-1989): A 77-year-old man with back pain and acute inability to walk [Borges & Rosenberg] 320(24):1610–cpc
Treatment of spastic paresis [Young] 320(23):1553–e

Spinal Diseases
Autosomal dominant spondyloarthropathy [Gaucher & others] 320(14):940–c

Spironolactone
Treatment of familial male precocious puberty with spironolactone and testolactone [Laue & others] 320(8):496*

Splenectomy
Mechanisms of response to treatment in autoimmune thrombocytopenic purpura [Gernsheimer & others] 320(15):974*

Staphylococcus aureus
Methicillin-resistant *Staphylococcus aureus* [Brumfitt & Hamilton-Miller] 320(18):1188–mp
MGH Case Records (Case 24-1989): A 77-year-old man with back pain and acute inability to walk [Borges & Rosenberg] 320(24):1610–cpc

Startle Reaction
Holiday heart Type II [Kukin & others] 320(6):402–c

State Medicine
Proposals for reform of the British National Health Service [Lister] 320(13):877–sr

Sterilization
Transmission of infectious agents by inadequately sterilized ENT instruments [Malt & others] 320(11):741–c

Stiff-Man Syndrome
Plasmapheresis in the treatment of stiff-man syndrome [Vicari & others] 320(22):1499–c

Stomach Ulcer
Effect of omeprazole and ranitidine on ulcer healing and relapse rates in patients with benign gastric ulcer [Walan & others] 320(2):69*

Streptococcal Infections
Group B streptococcal vaccine in pregnant women [Franciosi & others] 320(12):807–c

Streptococcus agalactiae
Group B streptococcal vaccine in pregnant women [Franciosi & others] 320(12):807–c
MGH Case Records (Case 18-1989): A 52-year-old woman with left-lower-quadrant abdominal pain, fever, and splenic infarcts [Skillman & Southern] 320(18):1201–cpc

Streptokinase
Effect of intravenous streptokinase as compared with that of tissue plasminogen activator on left ventricular function after first myocardial infarction [White & others] 320(13):817*; [Rapaport] 320(13):861–e

Stress, Psychological
Medical problems of musicians [Lockwood] 320(4):221–sa; [Lederman] 320(4):246–e

Stroke
Left ventricular thrombi and cerebral embolism [Fuster & Halperin] 320(6):392–e
Risk of stroke from carotid bruits [Bartlett & others] 320(14):936–c
Serum cholesterol levels and six-year mortality from stroke in 350,977 men screened for the multiple risk factor intervention trial [Iso & others] 320(14):904*

Strongyloides
Antibodies to *Strongyloides stercoralis* in healthy Jamaican carriers of HTLV-I [Neva & others] 320(4):252–c

Stuttering
Stuttering [Rosenfield] 320(24):1630–c

Subclavian Vein
Puncture of the trachea during catheterization of the subclavian vein [Breen & Kageler] 320(17):1148–c
Substance Abuse
Acute rhabdomyolysis associated with cocaine intoxication [Kothur & others] 320(10):667–c
Arsenic intoxication in a cocaine abuser [Lombard & others] 320(13):869–c
Atrial fibrillation induced by breath spray [Ridker & others] 320(2):124–c
Cannabis-resin foreign body in the ear [Thompson & Terry] 320(26):1758–c
Changes in needle sharing and syringe cleaning among San Francisco drug abusers [Sorensen & others] 320(12): 807–c
Effects of maternal marijuana and cocaine use on fetal growth [Zuckerman & others] 320(12):762*
Female intravenous drug users and perinatal HIV transmission [Brown & others] 320(22):1493–c
Ophthalmic use of cocaine and the urine test for benzoylecgonine [Bralliar & others] 320(26):1757–c
Prospective study of the risk of tuberculosis among intravenous drug users with human immunodeficiency virus infection [Selwyn & others] 320(9):545*
Substance Withdrawal Syndrome
Alcohol consumption and withdrawal in new-onset seizures [Edelsberg & others] 320(9):596–c
Comparative effectiveness and costs of inpatient and outpatient detoxification of patients with mild-to-moderate alcohol withdrawal syndrome [Hayashida & others] 320(6): 358–sa; [Klerman] 320(6):394–e
Treatment of alcoholism [Klerman] 320(6):394–e
Subvalvular Stenosis
Calcium-antagonist receptors in the atrial tissue of patients with hypertrophic cardiomyopathy [Wagner & others] 320(12):755*; [Braunwald] 320(12):800–e
Clinical course and prognosis of hypertrophic cardiomyopathy in an outpatient population [Spirito & others] 320(12): 749*; [Braunwald] 320(12):800–e
Hypertrophic cardiomyopathy — continued progress [Braunwald] 320(12):800–e
Sudden Infant Death
Fetal hemoglobin in sudden infant death syndrome [Cheron & others] 320(15):1011–c
Radiologic contributions to the investigation and prosecution of cases of fatal infant abuse [Kleinman & others] 320(8): 507–sa; [Krugman] 320(8):531–e
Suicide
Physician's responsibility toward hopelessly ill patients: a second look [Wanzer & others] 320(13):844–sa
Sulfadoxine
Treatment and prophylaxis of *Isospora belli* infection in patients with the acquired immunodeficiency syndrome [Pape & others] 320(16):1044*
Sulfamethoxazole
Treatment and prophylaxis of *Isospora belli* infection in patients with the acquired immunodeficiency syndrome [Pape & others] 320(16):1044*
Surgery, Oral
Hemostatic effect of tranexamic acid mouthwash in anticoagulant-treated patients undergoing oral surgery [Sindet-Pedersen & others] 320(13):840*
Sushi
Dangers of eating raw fish [Schantz] 320(17):1143–e
Eustrongylidiasis — a parasitic infection acquired by eating sushi [Wittner & others] 320(17):1124–mi; [Schantz] 320(17):1143–e
Syncope
Provocation of bradycardia and hypotension by isoproterenol and upright posture in patients with unexplained syncope [Almquist & others] 320(6):346*; [Abboud] 320(6): 390–e
Ventricular syncope: is the heart a sensory organ? [Abboud] 320(6):390–e
Synovial Fluid
Yersinia antigens in synovial-fluid cells from patients with reactive arthritis [Granfors & others] 320(4):216*; [Mills] 320(4):245–e
Syringes
Changes in needle sharing and syringe cleaning among San Francisco drug abusers [Sorensen & others] 320(12): 807–c

T

Tachycardia, Atrioventricular Nodal Reentry
Catheter techniques for ablation of supraventricular tachycardia [Scheinman] 320(7):460–e
Closed-chest ablation of retrograde conduction in patients with atrioventricular nodal reentrant tachycardia [Haissaguerre & others] 320(7):426*; [Scheinman] 320(7):460–e
Tachycardia, Supraventricular
Catheter techniques for ablation of supraventricular tachycardia [Scheinman] 320(7):460–e
Tamoxifen
Randomized clinical trial evaluating tamoxifen in the treatment of patients with node-negative breast cancer who have estrogen-receptor–positive tumors [Fisher & others] 320(8):479*; [Relman] 320(8):525–e; [McGuire] 320(8): 525–e; [DeVita] 320(8):527–e
Therapy for early breast cancer [Heath & Early Breast Cancer Trialists' Collaborative Group] 320(23):1558–c
Technology, High-Cost
Technology and the allocation of resources [McGregor] 320(2):118–sb; [Disler & others] 320(24):1629–c
Technology, Medical
Facsimile machines for cardiologists [Ader] 320(24):1629–c
Temporal Bone
MGH Case Records (Case 14-1989): An 82-year-old woman with a complete left facial palsy and a left mastoid mass [Vernick & Goodman] 320(14):924–cpc
Teratogens
Pattern of malformations in the children of women treated with carbamazepine during pregnancy [Jones & others] 320(25):1661*
Terminal Care
Changes in the location of death after passage of Medicare's prospective payment system: a national study [Sager & others] 320(7):433–sa
Physician's responsibility toward hopelessly ill patients: a second look [Wanzer & others] 320(13):844–sa
Testolactone
Treatment of familial male precocious puberty with spironolactone and testolactone [Laue & others] 320(8):496*
Testosterone
Testosterone treatment for delayed growth [Waller & Richman] 320(18):1217–c
Tetracycline
Efficacy of neonatal ocular prophylaxis for the prevention of chlamydial and gonococcal conjunctivitis [Hammerschlag & others] 320(12):769*; [Schachter] 320(12):802–e
Theophylline
Randomized, controlled trial of theophylline in patients with severe chronic obstructive pulmonary disease [Murciano & others] 320(23):1521*; [Drazen & Gerard] 320(23): 1555–e
Reversing the irreversible [Drazen & Gerard] 320(23): 1555–e
Thromboangiitis Obliterans
MGH Case Records (Case 16-1989): A 36-year-old man with peripheral vascular disease [O'Donnell & Horowitz] 320(16):1068–cpc
Thrombolytic Agents
Thrombolytic agents in acute myocardial infarction [Rapaport] 320(13):861–e
Thrombophlebitis
Detection of deep-vein thrombosis by real-time B-mode

ultrasonography [Lensing & others] 320(6):342*

Thrombosis
Detection of deep-vein thrombosis by real-time B-mode ultrasonography [Lensing & others] 320(6):342*

Thromboxane A_2
Improvement of renal function with selective thromboxane antagonism in lupus nephritis [Pierucci & others] 320(7):421*

Thromboxane B_2
Antihypertensive effects of fish oil: a controlled study of polyunsaturated fatty acid supplements in essential hypertension [Knapp & FitzGerald] 320(16):1037*

Thyroid Diseases
Recurrence of thyroid nodules after surgical removal in patients irradiated in childhood for benign conditions [Fogelfeld & others] 320(13):835*

Thyroid Gland
Recurrence of thyroid nodules after surgical removal in patients irradiated in childhood for benign conditions [Fogelfeld & others] 320(13):835*

Thyroid Neoplasms
Recurrence of thyroid nodules after surgical removal in patients irradiated in childhood for benign conditions [Fogelfeld & others] 320(13):835*

Ticks
Increased risk of Lyme disease for cat owners [Curran & Fish] 320(3):183–c
Lyme disease [Hamlet & others] 320(24):1626–c
Rapid emergence of a focal epidemic of Lyme disease in coastal Massachusetts [Lastavica & others] 320(3):133*; [Hamlet & others] 320(24):1626–c

Tissue Donors
Brain donation [Stopa & Bird] 320(1):62–c
Need donated hearts be entirely free from disease? [Dodek] 320(24):1628–c

T Lymphocytes
Immunodeficiency characterized by defective signal transduction in T lymphocytes [Chatila & others] 320(11):696*
Maintenance of alveolitis in patients with chronic beryllium disease by beryllium-specific helper T cells [Saltini & others] 320(17):1103*

Tobacco
Cigarette export promotion by the American government [Wilde] 320(9):600–c
Health and public policy implications of the "low yield" cigarette [Benowitz] 320(24):1619–e
"Low yield" cigarettes and the risk of nonfatal myocardial infarction in women [Palmer & others] 320(24):1569*; [Benowitz] 320(24):1619–e

Tonsillitis
Actinomycotic tonsillitis with expectoration of sulfur granules [Drabick & Looney] 320(9):599–c

Toothpicks
Delayed death from ingestion of a toothpick [Bee & others] 320(10):673–c

Trachea
Puncture of the trachea during catheterization of the subclavian vein [Breen & Kageler] 320(17):1148–c

Training Support
Paying back student loans [Bodnar] 320(5):322–c

Tranexamic Acid
Hemostatic effect of tranexamic acid mouthwash in anticoagulant-treated patients undergoing oral surgery [Sindet-Pedersen & others] 320(13):840*

Translocation (Genetics)
bcl-2 and other genomic alterations in the prognosis of large-cell lymphoma [Yunis & others] 320(16):1047*

Transplantation
Aplastic anemia after liver transplantation for non-A, non-B hepatitis [Forbes & others] 320(2):122–c
Breathing patterns in recipients of heart–lung transplants [Systrom & others] 320(10):669–c
Efficacy of liver transplantation in patients with primary biliary cirrhosis [Markus & others] 320(26):1709*
Lack of effect of lung denervation on the measurement of potential difference after single-lung transplantation [Alton & others] 320(26):1755–c
Need donated hearts be entirely free from disease? [Dodek] 320(24):1628–c
Persistent acitrullinemia after liver transplantation for carbamylphosphate synthetase deficiency [Tuchman] 320(22):1498–c

Transplantation, Allogeneic
Randomized, placebo-controlled trial of oral acyclovir for the prevention of cytomegalovirus disease in recipients of renal allografts [Balfour & others] 320(21):1381*

Transplantation, Autologous
Multicenter study of autologous adrenal medullary transplantation to the corpus striatum in patients with advanced Parkinson's disease [Goetz & others] 320(6):337*

Transplantation, Homologous
Clonal hematopoiesis demonstrated by X-linked DNA polymorphisms after allogeneic bone marrow transplantation [Turhan & others] 320(25):1655*
Ethical use of human fetal tissue in medicine [Greely & others] 320(16):1093–sr; [Annas & Elias] 320(16):1079–sb
HIV transmission through kidney transplantation from a living related donor [Quarto & others] 320(26):1754–c
Human herpesvirus 6 infection in renal-transplant recipients [Morris & others] 320(23):1560–c
Politics of transplantation of human fetal tissue [Annas & Elias] 320(16):1079–sb

Trial of Labor
Program to lower cesarean section rates [Golde & others] 320(25):1692–c

Triglycerides
Effect of triglyceride levels on methyl and methylene envelope line widths in proton nuclear magnetic resonance spectroscopy of human plasma [Mims & others] 320(22):1452*
Plasma triglyceride levels and coronary disease [Brunzell & Austin] 320(19):1273–e
Risk factors for coronary artery disease in healthy persons with hyperinsulinemia and normal glucose tolerance [Zavaroni & others] 320(11):702*; [Foster] 320(11):733–e

Trimethoprim
Treatment and prophylaxis of *Isospora belli* infection in patients with the acquired immunodeficiency syndrome [Pape & others] 320(16):1044*

Trisomy
Chromosome analyses from urinary sediment: postnatal confirmation of a prenatally diagnosed trisomy 20 mosaicism [Miny & others] 320(12):809–c

Tuberculosis
MGH Case Records (Case 12-1989): A 24-year-old Haitian man with right flank pain and recent fever [Carpenter & Sullinger] 320(12):790–cpc
Prospective study of the risk of tuberculosis among intravenous drug users with human immunodeficiency virus infection [Selwyn & others] 320(9):545*

Tuberculosis, Peritoneal
Case 35-1988 [Cohen & Goldberg] 320(6):402–c

Tuberculosis, Pulmonary
MGH Case Records (Case 17-1989): A 58-year-old man with cavitary lung disease [Epler & Mark] 320(17):1130–cpc

Tumor Markers
Hormone-negative, chromogranin A–positive endocrine tumors [Sobol & others] 320(7):444–mi

Tumor Markers, Biological
Serum lactate dehydrogenase in small-cell lung cancer [Van den Brande & Demedts] 320(1):61–c

Tumor Necrosis Factor
Effect of dietary supplementation with n−3 polyunsaturated fatty acids on the synthesis of interleukin-1 and tumor necrosis factor by mononuclear cells [Endres & others] 320(5):265*

Systemic reaction to the anti–T-cell monoclonal antibody OKT3 in relation to serum levels of tumor necrosis factor and interferon-α [Chatenoud & others] 320(21):1420–c
Tumor necrosis factor and disease severity in children with falciparum malaria [Grau & others] 320(24):1586*

U

Ultrasonic Diagnosis
Detection of deep-vein thrombosis by real-time B-mode ultrasonography [Lensing & others] 320(6):342*
Ultrasonics
Insertion of umbilical arterial catheters with guidance by ultrasound [Pollaci & others] 320(12):809–c
Ultrasonography
Detection of deep-vein thrombosis by real-time B-mode ultrasonography [Lensing & others] 320(6):342*
Ultraviolet Rays
Ultraviolet radiation and formation of cataracts [Kozart & others] 320(19):1285–c
Uremia
Control of serum phosphorus in uremia [Coburn & Salusky] 320(17):1140–e
Urethral Obstruction
Mortality and reoperation after open and transurethral resection of the prostate for benign prostatic hyperplasia [Roos & others] 320(17):1120–sa; [Greenfield] 320(17):1142–e
State of outcome research: are we on target? [Greenfield] 320(17):1142–e
Urinary Incontinence
Pathophysiology of urinary incontinence among institutionalized elderly persons [Resnick & others] 320(1):1*; [Anderl & others] 320(21):1421–c
Urinary incontinence among elderly persons [Anderl & others] 320(21):1421–c
Urinary Tract Infections
Association of the Lewis blood-group phenotype with recurrent urinary tract infections in women [Sheinfeld & others] 320(12):773*; [Schoolnik] 320(12):804–e
How *Escherichia coli* infects the urinary tract [Schoolnik] 320(12):804–e
Urine
Amplification of DNA from epithelial cells in urine [Gasparini & others] 320(12):809–c
Chromosome analyses from urinary sediment: postnatal confirmation of a prenatally diagnosed trisomy 20 mosaicism [Miny & others] 320(12):809–c
Urodynamics
Pathophysiology of urinary incontinence among institutionalized elderly persons [Resnick & others] 320(1):1*; [Anderl & others] 320(21):1421–c
Urinary incontinence among elderly persons [Anderl & others] 320(21):1421–c
Ursodeoxycholic Acid
Ursodeoxycholic acid and gallstones during weight loss [Seaton & others] 320(20):1351–c
Uterus
Selective delivery of an acardiac, acephalic twin [Robie & others] 320(8):512–mi
Uveitis
Recurrent syphilitic uveitis [Richards & others] 320(1):62–c

V

Vaccination
Patterns of transmission in measles outbreaks in the United States, 1985–1986 [Markowitz & others] 320(2):75*
Vaccines, Attenuated
Persistence of immunity to varicella in children with leukemia immunized with live attenuated varicella vaccine [Gershon & others] 320(14):892*
Vancomycin
Antibiotics for the treatment of febrile children with neutropenia and cancer [Rubin & others] 320(14):939–c
Varicella
Persistence of immunity to varicella in children with leukemia immunized with live attenuated varicella vaccine [Gershon & others] 320(14):892*
Varicella Vaccine
Persistence of immunity to varicella in children with leukemia immunized with live attenuated varicella vaccine [Gershon & others] 320(14):892*
Varicella–Zoster Virus
Persistence of immunity to varicella in children with leukemia immunized with live attenuated varicella vaccine [Gershon & others] 320(14):892*
Varicose Veins
MGH Case Records (Case 1-1989): A 50-year-old man with alcoholic cirrhosis and gastrointestinal hemorrhage [Kelsey & Fitzgibbon] 320(1):43–cpc
Vascular Resistance
Cardiac asthma — a fresh look at an old wheeze [Fishman] 320(20):1346–e
Vasculitis
Ciprofloxacin-induced vasculitis [Choe & others] 320(4):257–c
Vasoactive Intestinal Peptide
Absence of immunoreactive vasoactive intestinal polypeptide in tissue from the lungs of patients with asthma [Ollerenshaw & others] 320(19):1244*; [Said] 320(19):1271–e
Vasoactive intestinal polypeptide and asthma [Said] 320(19):1271–e
Vasodilator Agents
Comparison of oral milrinone, digoxin, and their combination in the treatment of patients with chronic heart failure [DiBianco & others] 320(11):677*; [Cohn] 320(11):729–e
Venography
Detection of deep-vein thrombosis by real-time B-mode ultrasonography [Lensing & others] 320(6):342*
Ventilation
Superior limbic keratoconjunctivitis apparently related to particulate material from a ventilation system [Corona & Abraham] 320(20):1354–c
Ventricular Ejection Fraction
Effect of intravenous streptokinase as compared with that of tissue plasminogen activator on left ventricular function after first myocardial infarction [White & others] 320(13):817*; [Rapaport] 320(13):861–e
Ventricular Fibrillation
Longitudinal electrophysiologic assessment of asymptomatic patients with the Wolff–Parkinson–White electrocardiographic pattern [Klein & others] 320(19):1229*
MGH Case Records (Case 22-1989): Sudden collapse of a 17-year-old girl during exertion [Liberthson & Southern] 320(22):1475–cpc
Ventricular fibrillation during antiarrhythmic drug therapy [Rude & others] 320(8):537–c
Verapamil
Calcium-antagonist receptors in the atrial tissue of patients with hypertrophic cardiomyopathy [Wagner & others] 320(12):755*; [Braunwald] 320(12):800–e
Virus Infections
Role of natural killer cells in immune surveillance [Ritz] 320(26):1748–e
Severe herpesvirus infections in an adolescent without natural killer cells [Biron & others] 320(26):1731–mi; [Ritz] 320(26):1748–e
Vitamin D
Role of the vitamin D endocrine system in health and disease [Reichel & others] 320(15):980–mp
Vomiting
Oncologist-induced vomiting: the Igvid syndrome? [Divgi] 320(3):189–c
von Willebrand Factor
Successful treatment of an acquired von Willebrand factor

antibody by extracorporeal immunoadsorption [Uehlinger & others] 320(4):254–c

Vulva
MGH Case Records (Case 26-1989): A 34-year-old woman with a history of Crohn's disease and recent vulvar cellulitis [Burke & Bell] 320(26):1741–cpc

W

Warts
Severe anogenital warts in a child with HIV infection [Laraque] 320(18):1220–c

Water Supply
Large community outbreak of cryptosporidiosis due to contamination of a filtered public water supply [Hayes & others] 320(21):1372*; [Olson] 320(21):1413–e
Safety of our drinking water: reason for concern but not alarm [Olson] 320(21):1413–e

Weight Loss
Changes in lipoproteins during weight loss [Massé & others] 320(10):668–c

Whites
Differences in interleukin-2 production in blacks and whites [Ganguli & Rabin] 320(6):399–c
Prenatal care and low birth weight among blacks and whites [Oechsli & others] 320(15):1010–c

Wolff–Parkinson–White Syndrome
Longitudinal electrophysiologic assessment of asymptomatic patients with the Wolff–Parkinson–White electrocardiographic pattern [Klein & others] 320(19):1229*

Women
Association of the Lewis blood-group phenotype with recurrent urinary tract infections in women [Sheinfeld & others] 320(12):773*; [Schoolnik] 320(12):804–e
Women in medical education [Vaughan & others] 320(20): 1348–c

Work
How do house officers spend their nights? A time study of internal medicine house staff on call [Lurie & others] 320(25):1673–sa; [Mellinkoff] 320(25):1689–e

Wounds
Advances and retreats in the protection of children [Krugman] 320(8):531–e

Wounds and Injuries
Recognizing the alcoholic patient [Rudzinski & Stankaitis] 320(2):125–c

Wounds, Gunshot
Gunshot wounds to legs in drug runners [Sanchez & others] 320(16):1089–c

Wounds, Penetrating
Needle-stick injury [Mezitis & others] 320(5):316–c

Wrestling
Abrasive shirts may contribute to herpes gladiatorum among wrestlers [Strauss & others] 320(9):598–c

X

X Chromosome
Malformations due to presumed spontaneous mutations in newborn infants [Nelson & Holmes] 320(1):19*

Y

Yersinia enterocolitica
Yersinia antigens in synovial-fluid cells from patients with reactive arthritis [Granfors & others] 320(4):216*; [Mills] 320(4):245–e
Yersinia enterocolitica serotype O:3 sepsis after blood transfusion [Bufill & Ritch] 320(12):810–c

Yersinia Infections
Yersinia antigens in synovial-fluid cells from patients with reactive arthritis [Granfors & others] 320(4):216*; [Mills] 320(4):245–e
Yersinia enterocolitica serotype O:3 sepsis after blood transfusion [Bufill & Ritch] 320(12):810–c

Z

Zidovudine
Failure of zidovudine to maintain remission in patients with AIDS [Bach] 320(9):594–c
Intravenous infusion of zidovudine (AZT) in children with HIV infection [Lischner & others] 320(12):805–c

---

CORRECTIONS

Assessing Patients' Capacities to Consent to Treatment (December 22, 1988; 319(25):1635-8), 320(11):748-x

Blood Glucose Levels in Malawian Children before and during the Administration of Intravenous Quinine for Severe Falciparum Malaria (October 20, 1988; 319(16):1040-7), 320(10):676-x

Case Records of the Massachusetts General Hospital (Case 6-1989) (February 9, 1989; 320(6):380-9), 320(9): 607-x

Cephalosporins and the Penicillin-Allergic Patient (August 25, 1988; 319(8):520-1), 320(6):408-x

Gamma Globulin Deficiency in Newborns with Congenital Nephrotic Syndrome (February 9, 1989; 320(6):398-9), 320(18):1227-x

HLA and IgA Nephritis Revisited 10 Years Later: HLA-B35 Antigen as a Prognostic Factor (December 15, 1988; 319(24):1609-10), 320(11):748-x

Medium-Chain Acyl-CoA Dehydrogenase Deficiency: Diagnosis by Stable-Isotope Dilution Measurement of Urinary n-Hexanoylglycine and 3-Phenylpropionylglycine (November 17, 1988; 319(20):1308-13), 320(18):1227-x

Pathogenesis of Sodium and Water Retention in High-Output and Low-Output Cardiac Failure, Nephrotic Syndrome, Cirrhosis, and Pregnancy (in two parts) (October 20, 1988; 319(16):1065-72 and October 27, 1988; 319(17):1127-34), 320(10):676-x

Stimulation of Myelopoiesis in Patients with Aplastic Anemia by Recombinant Human Granulocyte–Macrophage Colony-Stimulating Factor (December 22, 1988; 319(25): 1628-34), 320(5):329-x

AUTHOR INDEX

A

Abboud, M.
Effects of recombinant human granulocyte colony-stimulating factor on neutropenia in patients with congenital agranulocytosis [Bonilla & others] 320(24):1574*
Aboagye, K.
Effects of maternal marijuana and cocaine use on fetal growth [Zuckerman & others] 320(12):762*
Aboulafia, D.
HIV-1, HIV-2, and HTLV-I infection in high-risk groups in Brazil [Cortes & others] 320(15):953*; [Quinn & others] 320(15):1005–e
Abraham, J. L.
Superior limbic keratoconjunctivitis apparently related to particulate material from a ventilation system [Corona & Abraham] 320(20):1354–c
Abrams, E.
Use of the polymerase chain reaction for early detection of the proviral sequences of human immunodeficiency virus in infants born to seropositive mothers [Rogers & others] 320(25):1649*; [Katz & Wilfert] 320(25):1687–e
Adams, D. F.
Book Review of *Magnetic Resonance Imaging of the Body*. (Higgins & Hricak) [Adams] 320(17):1154–br
Adams, J.
Pattern of malformations in the children of women treated with carbamazepine during pregnancy [Jones & others] 320(25):1661*
Adams, N. C.
Patterns of transmission in measles outbreaks in the United States, 1985–1986 [Markowitz & others] 320(2):75*
Adelstein, S. J.
Physician's responsibility toward hopelessly ill patients: a second look [Wanzer & others] 320(13):844–sa
Ader, R. S.
Facsimile machines for cardiologists [Ader] 320(24):1629–c
Adkinson, N. F., Jr.
Association of protamine IgE and IgG antibodies with life-threatening reactions to intravenous protamine [Weiss & others] 320(14):886*
Adrogué, H. J.
Assessing acid–base status in circulatory failure: differences between arterial and central venous blood [Adrogué & others] 320(20):1312*; [Bleich] 320(20):1345–e
Aeppli, D. P.
bcl-2 and other genomic alterations in the prognosis of large-cell lymphoma [Yunis & others] 320(16):1047*
Agape, D.
Prediction of the first variceal hemorrhage [Ohara & others] 320(13):868–c
Alam, M.
HIV-1, HIV-2, and HTLV-I infection in high-risk groups in Brazil [Cortes & others] 320(15):953*; [Quinn & others] 320(15):1005–e
Albers, J. J.
Changes in lipoproteins during weight loss [Massé & others] 320(10):668–c
Aledort, L. M.
Successful treatment of an acquired von Willebrand factor antibody by extracorporeal immunoadsorption [Uehlinger & others] 320(4):254–c
Alexander, G.
N-acetylcysteine in the treatment of acetaminophen overdose [Westman & others] 320(21):1417–c
Alfredsson, L.
Human immunodeficiency virus infection among employees in an African hospital [Allebeck & others] 320(24):1625–c
Allebeck, P.
Human immunodeficiency virus infection among employees in an African hospital [Allebeck & others] 320(24):1625–c
Allman, R. M.
Pressure ulcers among the elderly [Allman] 320(13):850–mi
Almquist, A.
Provocation of bradycardia and hypotension by isoproterenol and upright posture in patients with unexplained syncope [Almquist & others] 320(6):346*; [Abboud] 320(6):390–e
Alperovitch, A.
Possible new genetic marker associated with a severe course of multiple sclerosis, located on chromosome 2: Km [Berr & others] 320(7):467–c
Altemus, M.
Neurobiology of depression [Johnson & others] 320(13):869–c
Alterman, A. I.
Comparative effectiveness and costs of inpatient and outpatient detoxification of patients with mild-to-moderate alcohol withdrawal syndrome [Hayashida & others] 320(6):358–sa; [Klerman] 320(6):394–e
Alton, E. W. F. W.
Lack of effect of lung denervation on the measurement of potential difference after single-lung transplantation [Alton & others] 320(26):1755–c
Amaro, H.
Effects of maternal marijuana and cocaine use on fetal growth [Zuckerman & others] 320(12):762*
Ameisen, J.-C.
Persistent antibody response to the HIV-1-negative regulatory factor in HIV-1-infected seronegative persons [Ameisen & others] 320(4):251–c
Amos, D.
Effect of HLA compatibility on engraftment of bone marrow transplants in patients with leukemia or lymphoma [Anasetti & others] 320(4):197*
Anasetti, C.
Effect of HLA compatibility on engraftment of bone marrow transplants in patients with leukemia or lymphoma [Anasetti & others] 320(4):197*
Anderl, P.
Urinary incontinence among elderly persons [Anderl & others] 320(21):1421–c
Andersen, T. F.
Mortality and reoperation after open and transurethral resection of the prostate for benign prostatic hyperplasia [Roos & others] 320(17):1120–sa; [Greenfield] 320(17):1142–e
Anderson, G. M.
Controlling health expenditures — the Canadian reality [Evans & others] 320(9):571–sa; [Relman] 320(9):590–e
Anderson, O. W.
Changes in the location of death after passage of Medicare's prospective payment system: a national study [Sager & others] 320(7):433–sa
Anderson, R. E.
Relation of serum antilymphocyte antibodies to the development of AIDS in HIV-seropositive men [Anderson & others] 320(26):1754–c
Andreyenkov, V. G.
Teenagers' concerns about nuclear war [Poses & others] 320(2):127–c
Angell, M.
Fraud in biomedical research [Weiss & others] 320(1):57–c
Redundant publication [Angell & Relman] 320(18):1212–e
Anhalt, G. J.
Pathogenic effect of IgG4 autoantibodies in endemic pemphigus foliaceus (fogo selvagem) [Rock & others] 320(22):1463*
Annas, G. J.
Politics of transplantation of human fetal tissue [Annas & Elias] 320(16):1079–sb

Ansari, A.
Detection of autoantibodies to recombinant mitochondrial proteins in patients with primary biliary cirrhosis [Van de Water & others] 320(21):1377*
Antman, K.
Recombinant GM-CSF in myelosuppression of chemotherapy [Pollak & others] 320(4):253–c
Antman, K. H.
Recombinant human GM-CSF in myelosuppression of chemotherapy (continued) [Bar & others] 320(14):939–c
Antó, J. M.
Community outbreaks of asthma associated with inhalation of soybean dust [Antó & others] 320(17):1097*
Antonarakis, S. E.
Diagnosis of genetic disorders at the DNA level [Antonarakis] 320(3):153–mp
Antoniozzi, F.
Prediction of the first variceal hemorrhage [Ohara & others] 320(13):868–c
Appelbaum, F. R.
Effect of HLA compatibility on engraftment of bone marrow transplants in patients with leukemia or lymphoma [Anasetti & others] 320(4):197*
Graft-versus-host disease as adoptive immunotherapy in patients with advanced hematologic neoplasms [Sullivan & others] 320(13):828*
Arahata, K.
Mosaic expression of dystrophin in symptomatic carriers of Duchenne's muscular dystrophy [Arahata & others] 320(3):138*
Arcidiacono, P.
Prediction of the first variceal hemorrhage [Ohara & others] 320(13):868–c
Arfken, C.
Randomized, double-blind six-month trial of prednisone in Duchenne's muscular dystrophy [Mendell & others] 320(24):1592*; [Brown] 320(24):1621–e
Armentano, M. E.
Book Review of *Basic Adolescent Psychiatry.* (Steinberg) [Armentano] 320(16):1090–br
Arnesen, M. A.
bcl-2 and other genomic alterations in the prognosis of large-cell lymphoma [Yunis & others] 320(16):1047*
Arnold, R.
Informed consent in interhospital patient transfer [Siegel & others] 320(4):258–c
Aromaa, A.
Body iron stores and the risk of cancer [Yip & others] 320(15):1012–c
Aronson, F. R.
Recombinant human GM-CSF in myelosuppression of chemotherapy (continued) [Bar & others] 320(14):939–c
Arrand, J. R.
Human herpesvirus 6 infection in renal-transplant recipients [Morris & others] 320(23):1560–c
Arsura, E.
Acute rhabdomyolysis associated with cocaine intoxication [Kothur & others] 320(10):667–c
Ash, L. R.
Eustrongylidiasis — a parasitic infection acquired by eating sushi [Wittner & others] 320(17):1124–mi; [Schantz] 320(17):1143–e
Astrachan, D. I.
Slide show saved by tongue depressor [Astrachan] 320(24): 1629–c
Atkinson, A., Jr.
Screening for celiac disease [Beutner & others] 320(16): 1087–c
Aubier, M.
Randomized, controlled trial of theophylline in patients with severe chronic obstructive pulmonary disease [Murciano & others] 320(23):1521*; [Drazen & Gerard] 320(23): 1555–e
Auclair, M.-H.
Randomized, controlled trial of theophylline in patients with severe chronic obstructive pulmonary disease [Murciano & others] 320(23):1521*; [Drazen & Gerard] 320(23): 1555–e
Auerbach, P. S.
Effects of PPS on the care of elderly patients with hip fracture [Cogen & others] 320(13):871–c
Austin, M. A.
Plasma triglyceride levels and coronary disease [Brunzell & Austin] 320(19):1273–e
Avorn, J.
Use of psychoactive medication and the quality of care in rest homes: findings and policy implications of a statewide study [Avorn & others] 320(4):227–sa
Ayanian, J. Z.
HIV-2 infection in the United States [Ayanian & others] 320(21):1422–c
Azadzoi, K.
Impaired neurogenic and endothelium-mediated relaxation of penile smooth muscle from diabetic men with impotence [Saenz de Tejada & others] 320(16):1025*

B

Baba, C.
Mosaic expression of dystrophin in symptomatic carriers of Duchenne's muscular dystrophy [Arahata & others] 320(3):138*
Babin, P.
Nonsecretory α-chain disease with immunoproliferative small-intestinal disease [Matuchansky & others] 320(23): 1534–mi
Bach, J. F.
Acute HIV infection after acupuncture treatments [Vittecoq & others] 320(4):250–c
Bach, J.-F.
Systemic reaction to the anti–T-cell monoclonal antibody OKT3 in relation to serum levels of tumor necrosis factor and interferon-α [Chatenoud & others] 320(21):1420–c
Bach, L. A.
Reduced bone mass in daughters of women with osteoporosis [Seeman & others] 320(9):554*
Bach, M. C.
Failure of zidovudine to maintain remission in patients with AIDS [Bach] 320(9):594–c
Bachoux, I.
Fetal hemoglobin in sudden infant death syndrome [Cheron & others] 320(15):1011–c
Bader, J.-P.
Effect of omeprazole and ranitidine on ulcer healing and relapse rates in patients with benign gastric ulcer [Walan & others] 320(2):69*
Badr, K. F.
Prerenal failure [Iberti & others] 320(6):397–c
Baghurst, P. A.
Environmental exposure to lead and cognitive deficits in children [Sargent & others] 320(9):595–c
Bailar, J. C., III
Cancer-causing substances in food, drugs, and cosmetics [Schultz & others] 320(14):934–c
Baker, C. J.
Group B streptococcal vaccine in pregnant women [Franciosi & others] 320(12):807–c
Balderas, R. S.
Pathogenic effect of IgG4 autoantibodies in endemic pemphigus foliaceus (fogo selvagem) [Rock & others] 320(22): 1463*
Baldwin, V. J.
Book Review of *Malformed Fetus and Stillbirth: A diagnostic approach.* (Winter & others) [Baldwin] 320(20):1356–br
Book Review of *Smith's Recognizable Patterns of Human Deformation.* 2nd ed. (Graham) [Baldwin] 320(20):1356–br

Book Review of *Smith's Recognizable Patterns of Human Malformation.* 4th ed. (Jones) [Baldwin] 320(20):1356–br

Bale, S. J.
Mapping the gene for hereditary cutaneous malignant melanoma–dysplastic nevus to chromosome 1p [Bale & others] 320(21):1367*

Balfour, H. H., Jr.
Progressive disease due to ganciclovir-resistant cytomegalovirus in immunocompromised patients [Erice & others] 320(5):289–mi; [Hirsch & Schooley] 320(5):313–e
Randomized, placebo-controlled trial of oral acyclovir for the prevention of cytomegalovirus disease in recipients of renal allografts [Balfour & others] 320(21):1381*

Balis, F.
Intravenous infusion of zidovudine (AZT) in children with HIV infection [Lischner & others] 320(12):805–c

Ballem, P. J.
Mechanisms of response to treatment in autoimmune thrombocytopenic purpura [Gernsheimer & others] 320(15): 974*

Bamji, M.
Use of the polymerase chain reaction for early detection of the proviral sequences of human immunodeficiency virus in infants born to seropositive mothers [Rogers & others] 320(25):1649*; [Katz & Wilfert] 320(25):1687–e

Banaji, M.
Graft-versus-host disease as adoptive immunotherapy in patients with advanced hematologic neoplasms [Sullivan & others] 320(13):828*

Banks, P. A.
MGH Case Records (Case 5-1989): A 27-year-old Greek woman with portal-vein thrombosis and an epigastric mass [Banks & Rosenberg] 320(5):301–cpc

Banner, B. F.
Book Review of *Immunopathology of Renal Disease.* (Wilson) [Banner] 320(22):1500–br

Banner, N. R.
Breathing patterns in recipients of heart–lung transplants [Systrom & others] 320(10):669–c

Bar, M. H.
Recombinant human GM-CSF in myelosuppression of chemotherapy (continued) [Bar & others] 320(14):939–c

Barbara, L.
Topical administration of 5-aminosalicylic acid: a therapeutic proposal for the treatment of pouchitis [Miglioli & others] 320(4):257–c

Barbee, R. A.
Association of asthma with serum IgE levels and skin-test reactivity to allergens [Burrows & others] 320(5):271*; [Platts-Mills & others] 320(25):1696–c
Asthma and serum levels of IgE [Platts-Mills & others] 320(25):1696–c

Barbosa, J.
Familial clustering of diabetic kidney disease: evidence for genetic susceptibility to diabetic nephropathy [Seaquist & others] 320(18):1161*

Barbuti, S.
HIV transmission through kidney transplantation from a living related donor [Quarto & others] 320(26):1754–c

Barer, M. L.
Controlling health expenditures — the Canadian reality [Evans & others] 320(9):571–sa; [Relman] 320(9):590–e

Barnard, J.
High monounsaturated fat diet for non-insulin-dependent diabetes mellitus [Truswell & others] 320(8):535–c

Barnes, K. M.
Treatment of familial male precocious puberty with spironolactone and testolactone [Laue & others] 320(8):496*

Barnes, R. B.
Pituitary–ovarian responses to nafarelin testing in the polycystic ovary syndrome [Barnes & others] 320(9):559*

Barrett, B. J.
Contrast material–induced renal failure in patients with diabetes mellitus, renal insufficiency, or both: a prospective controlled study [Parfrey & others] 320(3):143*; [Brezis & Epstein] 320(3):179–e

Bartlett, F. F.
Risk of stroke from carotid bruits [Bartlett & others] 320(14): 936–c

Barton, C. F.
Paging patterns: a nurse's view [Barton & others] 320(17): 1151–c

Barton, D. P. J.
Program to lower cesarean section rates [Golde & others] 320(25):1692–c

Bashein, G.
Aspirin, heparin, or both to treat unstable angina [Spodick & others] 320(15):1014–c

Bashore, T. M.
Contrast nephrotoxicity: a randomized controlled trial of a nonionic and an ionic radiographic contrast agent [Schwab & others] 320(3):149*; [Brezis & Epstein] 320(3):179–e

Basinski, A.
Tissue plasminogen activator [de Bono & others] 320(5): 317–c

Batki, S. L.
Changes in needle sharing and syringe cleaning among San Francisco drug abusers [Sorensen & others] 320(12): 807–c

Batlle, D. C.
More on therapy for hyperkalemia in renal insufficiency [Batlle & others] 320(22):1496–c

Batshaw, M. L.
Women in medical education [Vaughan & others] 320(20): 1348–c

Battaglia, F. C.
Program to lower cesarean section rates [Golde & others] 320(25):1692–c

Bauchner, H.
Effects of maternal marijuana and cocaine use on fetal growth [Zuckerman & others] 320(12):762*

Baumann, G.
Child with phenotypic Laron dwarfism and somatomedin levels [Pintor & others] 320(6):376 Laron & others] 320(25):1698–c
Low levels of high-affinity growth hormone–binding protein in African pygmies [Baumann & others] 320(26): 1705*

Bayer, R.
Controlling AIDS in Cuba: the logic of quarantine [Bayer & Healton] 320(15):1022–sr; [Quinn & others] 320(15): 1005–e

Beatty, P. G.
Effect of HLA compatibility on engraftment of bone marrow transplants in patients with leukemia or lymphoma [Anasetti & others] 320(4):197*

Beauchamp, G. R.
Superstar ophthalmology and HMOs [Berman & Beauchamp] 320(17):1150–c

Becker, E. R.
Resource-based relative-value scale for physicians' reimbursement [Cook & others] 320(8):533–c

Bee, D. M.
Delayed death from ingestion of a toothpick [Bee & others] 320(10):673–c

Behets, F.
Perinatal transmission of the human immunodeficiency virus type 1 to infants of seropositive women in Zaire [Ryder & others] 320(25):1637*; [Katz & Wilfert] 320(25): 1687–e

Bekerman, C.
Recurrence of thyroid nodules after surgical removal in patients irradiated in childhood for benign conditions [Fogelfeld & others] 320(13):835*

Belanger, P. L.
Radiologic contributions to the investigation and prosecution

of cases of fatal infant abuse [Kleinman & others] 320(8): 507–sa; [Krugman] 320(8):531–e

Bell, D. A.
MGH Case Records (Case 26-1989): A 34-year-old woman with a history of Crohn's disease and recent vulvar cellulitis [Burke & Bell] 320(26):1741–cpc

Bell, D. M.
Exposure of health care workers to the blood of patients infected with the human immunodeficiency virus [Manian & others] 320(20):1350–c

Bellinger, D.
Environmental exposure to lead and cognitive deficits in children [Sargent & others] 320(9):595–c

Bellotti, P.
Clinical course and prognosis of hypertrophic cardiomyopathy in an outpatient population [Spirito & others] 320(12): 749*; [Braunwald] 320(12):800–e

Benca, R. M.
Book Review of *Medical Neuropsychology: The impact of disease on behavior.* (Tarter & others) [Benca] 320(2):127–br

Bender, C. E.
Dissolution of cholesterol gallbladder stones by methyl *tert*-butyl ether administered by percutaneous transhepatic catheter [Thistle & others] 320(10):633*; [Salen & Tint] 320(10):665–e

Benditt, D. G.
Provocation of bradycardia and hypotension by isoproterenol and upright posture in patients with unexplained syncope [Almquist & others] 320(6):346*; [Abboud] 320(6):390–e
Publication of closely related reports [Saad & others] 320(18):1221–c; [Angell & Relman] 320(18):1212–e

Benjamin, E.
Prerenal failure [Iberti & others] 320(6):397–c

Bennett, P. H.
Publication of closely related reports [Saad & others] 320(18):1221–c; [Angell & Relman] 320(18):1212–e

Bennett, R. M.
Book Review of *Low Back Pain: Medical diagnosis and comprehensive management.* (Borenstein & Wiesel) [Bennett] 320(11): 745–br

Bennett, W. M.
Analgesic nephropathy — a preventable renal disease [Bennett & DeBroe] 320(19):1269–e

Benowitz, N. L.
Health and public policy implications of the "low yield" cigarette [Benowitz] 320(24):1619–e

Bensinger, W.
Effect of HLA compatibility on engraftment of bone marrow transplants in patients with leukemia or lymphoma [Anasetti & others] 320(4):197*

Bentley, J. D.
Education in ambulatory care — financing is one piece of the puzzle [Bentley & others] 320(23):1531–sa; [Federman] 320(23):1556–e

Ben-Tovim, D. I.
Prevalence of anorexia nervosa [Ben-Tovim & Morton] 320(11):736–c

Bentur, L.
Microscopic nephrocalcinosis in cystic fibrosis [Couper & others] 320(5):318–c

Berardi, V. P.
Rapid emergence of a focal epidemic of Lyme disease in coastal Massachusetts [Lastavica & others] 320(3):133*; [Hamlet & others] 320(24):1626–c

Bergan, J. J.
Book Review of *Applications of Noninvasive Vascular Techniques.* (Gerlock & others) [Bergan] 320(6):404–br
Book Review of *Noninvasive Diagnostics in Vascular Disease.* (Fronek) [Bergan] 320(6):404–br

Berger, P. B.
Reduction in coronary restenosis with n−3 fatty acids [Berger & others] 320(7):465–c

Bergonzani, M.
Risk factors for coronary artery disease in healthy persons with hyperinsulinemia and normal glucose tolerance [Zavaroni & others] 320(11):702*; [Foster] 320(11): 733–e

Bergues, U.
Pregnancy after oocyte collection and total ovariectomy [Sèle & others] 320(26):1756–c

Berisso, M. Z.
Clinical course and prognosis of hypertrophic cardiomyopathy in an outpatient population [Spirito & others] 320(12): 749*; [Braunwald] 320(12):800–e

Berman, H. S.
Superstar ophthalmology and HMOs [Berman & Beauchamp] 320(17):1150–c

Bernardus, R. E.
Pregnancy following transcervical transfer of oocyte and sperm [Veersema & others] 320(22):1499–c

Bernfield, M.
Prenatal care and low birth weight among blacks and whites [Oechsli & others] 320(15):1010–c

Bernhard, J. D.
Book Review of *Color Atlas of AIDS.* (Friedman-Kien) [Bernhard] 320(13):874–br

Bernstein, J.
Bulimia nervosa [Sigman & others] 320(11):735–c

Bernvil, S.
Hemostatic effect of tranexamic acid mouthwash in anticoagulant-treated patients undergoing oral surgery [Sindet-Pedersen & others] 320(13):840*

Berr, C.
Possible new genetic marker associated with a severe course of multiple sclerosis, located on chromosome 2: Km [Berr & others] 320(7):467–c

Berwick, D. M.
Continuous improvement as an ideal in health care [Berwick] 320(1):53–sb; [Gild & others] 320(21):1424–c
Ideal of continuous improvement [Gild & others] 320(21): 1424–c
Variations in rates of hospitalization of children in three urban communities [Perrin & others] 320(18):1183–sa; [Wise & Eisenberg] 320(18):1209–e

Besana, C.
Plasmapheresis in the treatment of stiff-man syndrome [Vicari & others] 320(22):1499–c

Besanko, M.
Controlled study of luteinizing hormone–releasing hormone agonist (buserelin) for the induction of folliculogenesis before in vitro fertilization [MacLachlan & others] 320(19): 1233*

Besdine, R. W.
Depression in the elderly [McDermott & others] 320(24): 1627–c
Maturing of geriatrics [Besdine] 320(3):181–e

Beutner, E. H.
Screening for celiac disease [Beutner & others] 320(16): 1087–c

Beyreuther, K.
Amyloid A4 protein and its precursor in Down's syndrome and Alzheimer's disease [Rumble & others] 320(22):1446*; [Selkoe] 320(22):1484–e

Bickel, J.
Will we face a crisis in biomedical-research brainpower in the 21st century? [Bickel & others] 320(16):1086–c
Women in medical education [Vaughan & others] 320(20): 1348–c

Bigger, J. T., Jr.
Diltiazem and mortality and reinfarction after myocardial infarction [Durrleman & others] 320(2):123–c

Bilezikian, J. P.
Abnormalities in parathyroid hormone secretion and 1,25-dihydroxyvitamin D_3 formation in women with osteoporosis [Silverberg & others] 320(5):277*; [Franz & others] 320(25):1697–c

Bilous, R. W.
Glomerular lesions and urinary albumin excretion in Type I

diabetes without overt proteinuria [Chavers & others] 320(15):966*
Bird, E. D.
Brain donation [Stopa & Bird] 320(1):62–c
Biron, C. A.
Severe herpesvirus infections in an adolescent without natural killer cells [Biron & others] 320(26):1731–mi; [Ritz] 320(26):1748–e
Biron, K. K.
Progressive disease due to ganciclovir-resistant cytomegalovirus in immunocompromised patients [Erice & others] 320(5):289–mi; [Hirsch & Schooley] 320(5):313–e
Bishop, D. F.
Neuroaxonal dystrophy due to lysosomal α-*N*-acetylgalactosaminidase deficiency [Schindler & others] 320(26): 1735–mi
Bishop, T.
Common inheritance of susceptibility to colonic adenomatous polyps and associated colorectal cancers [Moolgavkar & others] 320(5):316–c
Blackbourne, B. D.
Radiologic contributions to the investigation and prosecution of cases of fatal infant abuse [Kleinman & others] 320(8): 507–sa; [Krugman] 320(8):531–e
Blackman, P. H.
Handgun regulations, crime, assaults, and homicide: a tale of two cities [Blackman & others] 320(18):1214–c
Blanche, S.
Prospective study of infants born to women seropositive for human immunodeficiency virus type 1 [Blanche & others] 320(25):1643*; [Katz & Wilfert] 320(25):1687–e
Blanchot, P.
Closed-chest ablation of retrograde conduction in patients with atrioventricular nodal reentrant tachycardia [Haissaguerre & others] 320(7):426*; [Scheinman] 320(7): 460–e
Bland, D. K.
Pharmaceutical advertising to left-handed physicians [Bland] 320(13):872–c
Bland, K. I.
Right renal trauma: a side effect of biliary lithotripsy [Williams & others] 320(11):739–c
Blattner, W.
Transmission of retroviruses by transfusion of screened blood in patients undergoing cardiac surgery [Cohen & others] 320(18):1172*
Blattner, W. A.
Antibodies to *Strongyloides stercoralis* in healthy Jamaican carriers of HTLV-I [Neva & others] 320(4):252–c
HTLV-I infection and arthropod vectors [Murphy & others] 320(17):1146–c
Blazer, D.
Depression in the elderly [Blazer] 320(3):164–mi; [Besdine] 320(3):181–e; [McDermott & others] 320(24):1627–c
Bleich, H. L.
Clinical implications of venous carbon dioxide tension [Bleich] 320(20):1345–e
Blend, M.
Recurrence of thyroid nodules after surgical removal in patients irradiated in childhood for benign conditions [Fogelfeld & others] 320(13):835*
Block, P. C.
MGH Case Records (Case 19-1989): A 41-year-old woman with mitral stenosis, exertional dyspnea, and persistent hoarseness [Wheeler & Block] 320(19):1260–cpc
Outpatient versus inpatient cardiac catheterization [Roehm & others] 320(14):938–c
Blohm, R. R.
Selective medical school admissions policy to increase the number of family physicians [Blohm & others] 320(8): 539–c
Blombäck, M.
Hemostatic effect of tranexamic acid mouthwash in anticoagulant-treated patients undergoing oral surgery [Sindet-Pedersen & others] 320(13):840*
Blue, B. A.
Acute mountain sickness [Callen & others] 320(22):1492–c
Blumenthal, S. S.
Thin-basement-membrane nephropathy [Dische & others] 320(26):1752–c
Blythe, W. B.
Analgesic use and chronic renal disease [Sandler & others] 320(19):1238*; [Bennett & DeBroe] 320(19):1269–e
Bock, R. S.
Pressure to keep prices high at a walk-in clinic [Yunker & others] 320(3):183–c
Bodnar, A. G.
Paying back student loans [Bodnar] 320(5):322–c
Boerlin, V.
Successful pregnancy in a previously infertile woman treated with SMS-201-995 for acromegaly [Landolt & others] 320(10):671–c
Bohr, T.
Pathogenesis of diabetic neuropathy [Winegrad & others] 320(1):57–c
Boite, C.
HIV-1, HIV-2, and HTLV-I infection in high-risk groups in Brazil [Cortes & others] 320(15):953*; [Quinn & others] 320(15):1005–e
Bomford, A.
ICRF-187 and doxorubicin-induced cardiac toxicity [Halliwell & others] 320(6):399–c
Bonati, P. A.
Risk factors for coronary artery disease in healthy persons with hyperinsulinemia and normal glucose tolerance [Zavaroni & others] 320(11):702*; [Foster] 320(11): 733–e
Bonecker, C.
HIV-1, HIV-2, and HTLV-I infection in high-risk groups in Brazil [Cortes & others] 320(15):953*; [Quinn & others] 320(15):1005–e
Bonilla, E.
Mitochondrial DNA deletions in progressive external ophthalmoplegia and Kearns–Sayre syndrome [Moraes & others] 320(20):1293*; [Harding] 320(20):1341–e
Bonilla, M. A.
Effects of human granulocyte colony-stimulating factor in a patient with idiopathic neutropenia [Jakubowski & others] 320(1):38–mi
Effects of recombinant human granulocyte colony-stimulating factor on neutropenia in patients with congenital agranulocytosis [Bonilla & others] 320(24):1574*
Bonnem, E. M.
GM-CSF with ganciclovir for the treatment of CMV retinitis in AIDS [Grossberg & others] 320(23):1560–c
Bonora, E.
Risk factors for coronary artery disease in healthy persons with hyperinsulinemia and normal glucose tolerance [Zavaroni & others] 320(11):702*; [Foster] 320(11):733–e
Borgenicht, L.
Book Review of *Bag Balm and Duct Tape: Tales of a Vermont doctor.* (Conger) [Borgenicht] 320(19):1288–br
Borges, L. F.
MGH Case Records (Case 24-1989): A 77-year-old man with back pain and acute inability to walk [Borges & Rosenberg] 320(24):1610–cpc
Borri, A.
Plasmapheresis in the treatment of stiff-man syndrome [Vicari & others] 320(22):1499–c
Bottoms, S. F.
Physician factor in cesarean birth rates [Goyert & others] 320(11):706–sa
Bouchon, J. P.
Acute HIV infection after acupuncture treatments [Vittecoq & others] 320(4):250–c
Bourgoignie, J. J.
Acute rhabdomyolysis associated with cocaine intoxication [Kothur & others] 320(10):667–c

Bowman, D.
Randomized clinical trial evaluating sequential methotrexate and fluorouracil in the treatment of patients with node-negative breast cancer who have estrogen-receptor–negative tumors [Fisher & others] 320(8):473*; [Relman] 320(8):525–e; [McGuire] 320(8):525–e; [DeVita] 320(8): 527–e
Randomized clinical trial evaluating tamoxifen in the treatment of patients with node-negative breast cancer who have estrogen-receptor–positive tumors [Fisher & others] 320(8):479*; [Relman] 320(8):525–e; [McGuire] 320(8): 525–e; [DeVita] 320(8):527–e
Boyce, J. R.
Teenagers' concerns about nuclear war [Poses & others] 320(2):127–c
Boyer, J. L.
Women in medical education [Vaughan & others] 320(20): 1348–c
Bracher, J. J.
Outcomes management: a technology of patient experience [Knaus & Bracher] 320(9):600–c
Bralliar, B. B.
Ophthalmic use of cocaine and the urine test for benzoylecgonine [Bralliar & others] 320(26):1757–c
Brancati, F. L.
Oral iron and the Hemoccult test: a controversy on the teaching wards [Kulbaski & others] 320(22):1500–c
Brand, J. C.
High monounsaturated fat diet for non-insulin-dependent diabetes mellitus [Truswell & others] 320(8):535–c
Brandjes, D.
Detection of deep-vein thrombosis by real-time B-mode ultrasonography [Lensing & others] 320(6):342*
Brass, L. M.
"Bottoms up" dissection [Trosch & others] 320(23):1564–c
Braun, P.
Resource-based relative-value scale for physicians' reimbursement [Cook & others] 320(8):533–c
Braunwald, E.
Hypertrophic cardiomyopathy — continued progress [Braunwald] 320(12):800–e
Tissue plasminogen activator [de Bono & others] 320(5): 317–c
Bray, G.
N-acetylcysteine in the treatment of acetaminophen overdose [Westman & others] 320(21):1417–c
Brazeau, N. K.
Selective medical school admissions policy to increase the number of family physicians [Blohm & others] 320(8): 539–c
Breen, M. T.
Puncture of the trachea during catheterization of the subclavian vein [Breen & Kageler] 320(17):1148–c
Brenes, M. M.
Human papillomavirus infection and cervical cancer in Latin America [Reeves & others] 320(22):1437*
Brennan, L. V.
Recombinant GM-CSF in myelosuppression of chemotherapy [Pollak & others] 320(4):253–c
Bressler, R.
Endorsement of "patient promise" program [Schwartz & Bressler] 320(20):1354–c
Brett, A.
Book Review of *Principles and Practice of Medicine*. 22nd ed. (Harvey & others) [Brett] 320(7):468–br
Brezis, M.
Closer look at radiocontrast-induced nephropathy [Brezis & Epstein] 320(3):179–e
Bricker, E. M.
Industrial marketing and medical ethics [Bricker] 320(25): 1690–sb
Bridi, G.
Delayed death from ingestion of a toothpick [Bee & others] 320(10):673–c
Brinton, L. A.
Human papillomavirus infection and cervical cancer in Latin America [Reeves & others] 320(22):1437*
Brochstein, J. A.
Effects of recombinant human granulocyte colony-stimulating factor on neutropenia in patients with congenital agranulocytosis [Bonilla & others] 320(24):1574*
Brod, S. A.
Lack of antibodies to *Borrelia burgdorferi* in patients with amyotrophic lateral sclerosis [Mandell & others] 320(4):255–c
Brody, H.
Hired help: a physician's experiences in a for-profit staff-model HMO [Hudson & others] 320(3):185–c
Brooke, M. H.
Randomized, double-blind six-month trial of prednisone in Duchenne's muscular dystrophy [Mendell & others] 320(24):1592*; [Brown] 320(24):1621–e
Brooks, D. C.
Book Review of *House Officer: Becoming a medical specialist*. (Cohen) [Brooks] 320(25):1702–br
Brophy, J. T.
For-profit medicine: a reassessment [Brophy & Ginzberg] 320(3):188–c
Brotman, L. D.
Salaried physicians and economic incentives [Imperato & others] 320(3):187–c
Brouwers, P.
Intravenous infusion of zidovudine (AZT) in children with HIV infection [Lischner & others] 320(12):805–c
Brower, T. D.
MGH Case Records (Case 13-1989): A 76-year-old woman with multiple bone lesions and thrombocytopenia [Brower & Rosenberg] 320(13):854–cpc
Brown, G.
Renal insufficiency in treated essential hypertension [Rostand & others] 320(11):684*; [Klahr] 320(11):731–e
Brown, L. S., Jr.
Female intravenous drug users and perinatal HIV transmission [Brown & others] 320(22):1493–c
Brown, R. H., Jr.
Prednisone therapy for Duchenne's muscular dystrophy [Brown] 320(24):1621–e
Brownell, A. K. W.
Mitochondrial DNA deletions in progressive external ophthalmoplegia and Kearns–Sayre syndrome [Moraes & others] 320(20):1293*; [Harding] 320(20):1341–e
Brumfitt, W.
Methicillin-resistant *Staphylococcus aureus* [Brumfitt & Hamilton-Miller] 320(18):1188–mp
Brundage, B. H.
Will we face a crisis in biomedical-research brainpower in the 21st century? [Bickel & others] 320(16):1086–c
Brundage, J. F.
Direct measurement of human immunodeficiency virus seroconversions in a serially tested population of young adults in the United States Army, October 1985 to October 1987 [McNeil & others] 320(24):1581*
Screening for human immunodeficiency virus infections [Stoto & others] 320(7):461–c
Brunzell, J. D.
Plasma triglyceride levels and coronary disease [Brunzell & Austin] 320(19):1273–e
Brussee, E.
Plasma levels of atrial natriuretic peptide in transient left ventricular ischemia [Gasser & others] 320(26):1752–c
Brust, J. C. M.
Alcohol consumption and withdrawal in new-onset seizures [Edelsberg & others] 320(9):596–c
Bucca, C.
Asthma and serum levels of IgE [Platts-Mills & others] 320(25):1696–c
Buckalew, V. M., Jr.
Analgesic use and chronic renal disease [Sandler & others] 320(19):1238*; [Bennett & DeBroe] 320(19):1269–e

Buckner, C. D.
Effect of HLA compatibility on engraftment of bone marrow transplants in patients with leukemia or lymphoma [Anasetti & others] 320(4):197*
Graft-versus-host disease as adoptive immunotherapy in patients with advanced hematologic neoplasms [Sullivan & others] 320(13):828*
Budman, D.
Effects of human granulocyte colony-stimulating factor in a patient with idiopathic neutropenia [Jakubowski & others] 320(1):38–mi
Bufill, J. A.
Yersinia enterocolitica serotype O:3 sepsis after blood transfusion [Bufill & Ritch] 320(12):810–c
Buhles, W. C., Jr.
GM-CSF with ganciclovir for the treatment of CMV retinitis in AIDS [Grossberg & others] 320(23):1560–c
Büller, H. R.
Detection of deep-vein thrombosis by real-time B-mode ultrasonography [Lensing & others] 320(6):342*
Bulterys, M.
Prenatal care and low birth weight among blacks and whites [Oechsli & others] 320(15):1010–c
Buonanno, G.
Risk factors for coronary artery disease in healthy persons with hyperinsulinemia and normal glucose tolerance [Zavaroni & others] 320(11):702*; [Foster] 320(11):733–e
Burgess, W. P.
Analgesic use and chronic renal disease [Sandler & others] 320(19):1238*; [Bennett & DeBroe] 320(19):1269–e
Burk, R. F.
N-acetylcysteine in the treatment of acetaminophen overdose [Westman & others] 320(21):1417–c
Burke, D. S.
Direct measurement of human immunodeficiency virus seroconversions in a serially tested population of young adults in the United States Army, October 1985 to October 1987 [McNeil & others] 320(24):1581*
Screening for human immunodeficiency virus infections [Stoto & others] 320(7):461–c
Burke, L.
MGH Case Records (Case 26-1989): A 34-year-old woman with a history of Crohn's disease and recent vulvar cellulitis [Burke & Bell] 320(26):1741–cpc
Burnett, K.
Book Review of *Atlas of Clinical Nuclear Medicine.* (Fogelman & Maisey) [Levine & Burnett] 320(17):1153–br
Burroughs, A. K.
Controversies in the management of bleeding esophageal varices (in two parts) [Terblanche & others] 320(21):1393–mp; 320(22):1469–mp
Burrows, B.
Association of asthma with serum IgE levels and skin-test reactivity to allergens [Burrows & others] 320(5):271*; [Platts-Mills & others] 320(25):1696–c
Asthma and serum levels of IgE [Platts-Mills & others] 320(25):1696–c
Burstein, S.
Pituitary–ovarian responses to nafarelin testing in the polycystic ovary syndrome [Barnes & others] 320(9):559*
Bursztajn, H. J.
Book Review of *Alchemy of Survival: One woman's journey.* (Mack) [Bursztajn] 320(14):944–br
Bursztyn, M.
Case 46-1988: myelolipoma of adrenal gland [Holtzman & Bursztyn] 320(19):1284–c
Burt, R. W.
Common inheritance of susceptibility to colonic adenomatous polyps and associated colorectal cancers [Moolgavkar & others] 320(5):316–c
Busch, D. F.
Acyclovir-resistant herpes simplex virus infections in patients with the acquired immunodeficiency syndrome [Erlich & others] 320(5):293–mi; [Hirsch & Schooley] 320(5):313–e
Buset, M.
Regression of Barrett's epithelium with omeprazole [Deviere & others] 320(22):1497–c
Bynum, T. E.
Case 43-1988 [Neu & Bynum] 320(17):1148–c
Byron, K. S.
Severe herpesvirus infections in an adolescent without natural killer cells [Biron & others] 320(26):1731–mi; [Ritz] 320(26):1748–e

C

Cabanes, L. R.
Bronchial hyperresponsiveness to methacholine in patients with impaired left ventricular function [Cabanes & others] 320(20):1317*; [Fishman] 320(20):1346–e
Cabral, H.
Effects of maternal marijuana and cocaine use on fetal growth [Zuckerman & others] 320(12):762*
Cagnoli, L.
Randomized trial of methylprednisolone and chlorambucil in idiopathic membranous nephropathy [Ponticelli & others] 320(1):8*; [Glassock] 320(1):51–e
Cahill, D.
Multicenter study of autologous adrenal medullary transplantation to the corpus striatum in patients with advanced Parkinson's disease [Goetz & others] 320(6):337*
Cairns, J. A.
Comparison of high-dose with low-dose subcutaneous heparin to prevent left ventricular mural thrombosis in patients with acute transmural anterior myocardial infarction [Turpie & others] 320(6):352*; [Fuster & Halperin] 320(6):392–e
Reduction in coronary restenosis with n−3 fatty acids [Berger & others] 320(7):465–c
Calisher, C. H.
HTLV-I infection and arthropod vectors [Murphy & others] 320(17):1146–c
Callahan, D.
Legislating safety — how far should we go? [Callahan] 320(21):1412–e
Callan, J. P.
Book Review of *Anxiety and Its Disorders: The nature and treatment of anxiety and panic.* (Barlow) [Callan] 320(16):1090–br
Callen, W. L.
Acute mountain sickness [Callen & others] 320(22):1492–c
Calne, D. B.
Did Leonardo describe Parkinson's disease? [Calne & others] 320(9):594–c
Cambon-Thomsen, A.
Possible new genetic marker associated with a severe course of multiple sclerosis, located on chromosome 2: Km [Berr & others] 320(7):467–c
Camburn, J. F.
Need for quality assurance in mammography [Sienko & others] 320(14):941–c
Campeau, L.
Conflict-of-interest guidelines for a multicenter clinical trial of treatment after coronary-artery bypass-graft surgery [Healy & others] 320(14):949–sr; [Relman] 320(14):933–e
Canal, N.
Plasmapheresis in the treatment of stiff-man syndrome [Vicari & others] 320(22):1499–c
Candell-Riera, J.
Valvular heart disease in systemic lupus erythematosus [Crozier & others] 320(11):739–c
Cannistra, S. A.
Recombinant GM-CSF in myelosuppression of chemotherapy [Pollak & others] 320(4):253–c

Recombinant human GM-CSF in myelosuppression of chemotherapy (continued) [Bar & others] 320(14):939–c
Cannon, J. G.
Effect of dietary supplementation with n−3 polyunsaturated fatty acids on the synthesis of interleukin-1 and tumor necrosis factor by mononuclear cells [Endres & others] 320(5):265*
Cannon-Albright, L. A.
Common inheritance of susceptibility to colonic adenomatous polyps and associated colorectal cancers [Moolgavkar & others] 320(5):316–c
Capitani, C.
HIV-1, HIV-2, and HTLV-I infection in high-risk groups in Brazil [Cortes & others] 320(15):953*; [Quinn & others] 320(15):1005–e
Caplan, R.
Eight-year results of a randomized clinical trial comparing total mastectomy and lumpectomy with or without irradiation in the treatment of breast cancer [Fisher & others] 320(13):822*
Randomized clinical trial evaluating sequential methotrexate and fluorouracil in the treatment of patients with node-negative breast cancer who have estrogen-receptor–negative tumors [Fisher & others] 320(8):473*; [Relman] 320(8):525–e; [McGuire] 320(8):525–e; [DeVita] 320(8):527–e
Capron, A.
Persistent antibody response to the HIV-1-negative regulatory factor in HIV-1-infected seronegative persons [Ameisen & others] 320(4):251–c
Carbonara, A.
Polycystic kidney disease [Cheng & others] 320(11):737–c
Cardella, C.
Randomized controlled trial of prednisone in patients with idiopathic membranous nephropathy [Cattran & others] 320(4):210*; [Relman] 320(4):248–e
Carew, T. E.
Beyond cholesterol: modifications of low-density lipoprotein that increase its atherogenicity [Steinberg & others] 320(14):915–mi
Carpenter, C. C. J.
MGH Case Records (Case 12-1989): A 24-year-old Haitian man with right flank pain and recent fever [Carpenter & Sullinger] 320(12):790–cpc
Carpenter, R. J.
Safety and efficacy of chorionic villus sampling for early prenatal diagnosis of cytogenetic abnormalities [Rhoads & others] 320(10):609*; [Mennuti] 320(10):661–e
Carratino, L.
Clinical course and prognosis of hypertrophic cardiomyopathy in an outpatient population [Spirito & others] 320(12):749*; [Braunwald] 320(12):800–e
Carter, A. H., III
Child abuse [Carter] 320(20):1355–c
Cassady, G.
Randomized, controlled trial of very early prophylactic ligation of the ductus arteriosus in babies who weighed 1000 g or less at birth [Cassady & others] 320(23):1511*; [Stahlman] 320(23):1551–e
Cassel, C. K.
Physician's responsibility toward hopelessly ill patients: a second look [Wanzer & others] 320(13):844–sa
Cassem, E. H.
Physician's responsibility toward hopelessly ill patients: a second look [Wanzer & others] 320(13):844–sa
Cattran, D. C.
Randomized controlled trial of prednisone in patients with idiopathic membranous nephropathy [Cattran & others] 320(4):210*; [Relman] 320(4):248–e
Cella, S. G.
Child with phenotypic Laron dwarfism and normal somatomedin levels [Pintor & others] 320(6):376–mi; [Laron & others] 320(25):1698–c
Cesana, B.
Randomized trial of methylprednisolone and chlorambucil in idiopathic membranous nephropathy [Ponticelli & others] 320(1):8*; [Glassock] 320(1):51–e
Chace, B. A.
Randomized, placebo-controlled trial of oral acyclovir for the prevention of cytomegalovirus disease in recipients of renal allografts [Balfour & others] 320(21):1381*
Challoner, D. R.
Effects of liability fears [Smeltzer & Challoner] 320(18):1221–c
Chamaret, S.
Nonsecretory α-chain disease with immunoproliferative small-intestinal disease [Matuchansky & others] 320(23):1534–mi
Persistent antibody response to the HIV-1-negative regulatory factor in HIV-1-infected seronegative persons [Ameisen & others] 320(4):251–c
Chappell, D. A.
Familial hypobetalipoproteinemia associated with a mutant species of apolipoprotein B (B-46) [Young & others] 320(24):1604–mi
Charach, R.
Appointments at the store (a portrait of manic–depressive illness) [Charach] 320(14):942–c
Biopsies [Charach] 320(18):1223–c
For days when we all are thin [Charach] 320(14):942–c
Question of vitamins [Charach] 320(18):1222–c
Charron, R.
Randomized controlled trial of prednisone in patients with idiopathic membranous nephropathy [Cattran & others] 320(4):210*; [Relman] 320(4):248–e
Chatenoud, L.
Systemic reaction to the anti–T-cell monoclonal antibody OKT3 in relation to serum levels of tumor necrosis factor and interferon-α [Chatenoud & others] 320(21):1420–c
Chatham, W. W.
Valvular heart disease in systemic lupus erythematosus [Crozier & others] 320(11):739–c
Chatila, T.
Immunodeficiency characterized by defective signal transduction in T lymphocytes [Chatila & others] 320(11):696*
Chatis, P.
Acyclovir-resistant herpes simplex virus infections in patients with the acquired immunodeficiency syndrome [Erlich & others] 320(5):293–mi; [Hirsch & Schooley] 320(5):313–e
Chatis, P. A.
Successful treatment with foscarnet of an acyclovir-resistant mucocutaneous infection with herpes simplex virus in a patient with acquired immunodeficiency syndrome [Chatis & others] 320(5):297–mi; [Hirsch & Schooley] 320(5):313–e
Chavers, B. M.
Glomerular lesions and urinary albumin excretion in Type I diabetes without overt proteinuria [Chavers & others] 320(15):966*
Chazan, J. A.
Acid–base abnormalities in cardiopulmonary arrest: varying patterns in different locations in the hospital [Chazan & McKay] 320(9):597–c
Chen, M.-Y.
Provocation of bradycardia and hypotension by isoproterenol and upright posture in patients with unexplained syncope [Almquist & others] 320(6):346*; [Abboud] 320(6):390–e
Chen, X.
Provocation of bradycardia and hypotension by isoproterenol and upright posture in patients with unexplained syncope [Almquist & others] 320(6):346*; [Abboud] 320(6):390–e
Cheng, T. O.
Polycystic kidney disease [Cheng & others] 320(11):737–c
Cherner, J. A.
Gastric acid secretion in systemic mastocytosis [Cherner & others] 320(23):1562–c

Cheron, G.
Fetal hemoglobin in sudden infant death syndrome [Cheron & others] 320(15):1011–c
Chiarella, F.
Clinical course and prognosis of hypertrophic cardiomyopathy in an outpatient population [Spirito & others] 320(12): 749*; [Braunwald] 320(12):800–e
Chiarello, R. J.
Malingering doubt about factitious AIDS [Chiarello] 320(21):1423–c
Chivian, E.
Teenagers' concerns about nuclear war [Poses & others] 320(2):127–c
Choe, U.
Ciprofloxacin-induced vasculitis [Choe & others] 320(4): 257–c
Choong, C. Y.
Identification of high-risk and low-risk subgroups of patients with mitral-valve prolapse [Marks & others] 320(16): 1031*; [Devereux] 320(16):1077–e
Chorzelski, T. P.
Screening for celiac disease [Beutner & others] 320(16): 1087–c
Chou, S.
Progressive disease due to ganciclovir-resistant cytomegalovirus in immunocompromised patients [Erice & others] 320(5):289–mi; [Hirsch & Schooley] 320(5):313–e
Christensen, N. J.
Prerenal failure [Iberti & others] 320(6):397–c
Chrousos, G. P.
Neurobiology of depression [Johnson & others] 320(13): 869–c
Chung, S. S. C.
Randomized trial of nonoperative treatment for perforated peptic ulcer [Crofts & others] 320(15):970*
Chusid, M. J.
Dexamethasone therapy for bacterial meningitis [Skapek & others] 320(7):463–c
Ciabattoni, G.
Improvement of renal function with selective thromboxane antagonism in lupus nephritis [Pierucci & others] 320(7): 421*
Cinotti, G. A.
Improvement of renal function with selective thromboxane antagonism in lupus nephritis [Pierucci & others] 320(7): 421*
Ciraru-Vigneron, N.
Prospective study of infants born to women seropositive for human immunodeficiency virus type 1 [Blanche & others] 320(25):1643*; [Katz & Wilfert] 320(25):1687–e
Citron, M.
Delayed death from ingestion of a toothpick [Bee & others] 320(10):673–c
Claiborne, F.
Familial hypobetalipoproteinemia associated with a mutant species of apolipoprotein B (B-46) [Young & others] 320(24):1604–mi
Clanet, M.
Possible new genetic marker associated with a severe course of multiple sclerosis, located on chromosome 2: Km [Berr & others] 320(7):467–c
Clapshaw, P. A.
Lack of antibodies to *Borrelia burgdorferi* in patients with amyotrophic lateral sclerosis [Mandell & others] 320(4): 255–c
Clark, G. M.
Prediction of relapse or survival in patients with node-negative breast cancer by DNA flow cytometry [Clark & others] 320(10):627*
Clark, W. H., Jr.
Mapping the gene for hereditary cutaneous malignant melanoma–dysplastic nevus to chromosome 1p [Bale & others] 320(21):1367*
Clarkson, B.
Effects of human granulocyte colony-stimulating factor in a patient with idiopathic neutropenia [Jakubowski & others] 320(1):38–mi
Classen, M.
Effect of omeprazole and ranitidine on ulcer healing and relapse rates in patients with benign gastric ulcer [Walan & others] 320(2):69*
Clemens, T. L.
Abnormalities in parathyroid hormone secretion and 1,25-dihydroxyvitamin D_3 formation in women with osteoporosis [Silverberg & others] 320(5):277*; [Franz & others] 320(25):1697–c
Clift, R.
Effect of HLA compatibility on engraftment of bone marrow transplants in patients with leukemia or lymphoma [Anasetti & others] 320(4):197*
Cline, M. G.
Association of asthma with serum IgE levels and skin-test reactivity to allergens [Burrows & others] 320(5):271*; [Platts-Mills & others] 320(25):1696–c
Asthma and serum levels of IgE [Platts-Mills & others] 320(25):1696–c
Cobb, L. A.
Automatic external defibrillator for out-of-hospital cardiac arrest [Kellermann & others] 320(10):670–c
Coburn, J. W.
Control of serum phosphorus in uremia [Coburn & Salusky] 320(17):1140–e
Cogen, R.
Effects of PPS on the care of elderly patients with hip fracture [Cogen & others] 320(13):871–c
Coggins, C. H.
MGH Case Records (Case 25-1989): A 56-year-old man with hemoptysis and microscopic hematuria [Coggins & others] 320(25):1677–cpc
Cogné, M.
Nonsecretory α-chain disease with immunoproliferative small-intestinal disease [Matuchansky & others] 320(23): 1534–mi
Cohen, E. P.
Book Review of *Renal Cystic Disease.* (Hartman) [Cohen] 320(22):1502–br
Cohen, J. D.
Serum cholesterol levels and six-year mortality from stroke in 350,977 men screened for the multiple risk factor intervention trial [Iso & others] 320(14):904*
Cohen, L. S.
Book Review of *Coronary Angioplasty.* (Goldberg) [Cohen] 320(10):676–br
Cohen, M. E.
Case 35-1988 [Cohen & Goldberg] 320(6):402–c
Cohen, M. M.
Mortality and reoperation after open and transurethral resection of the prostate for benign prostatic hyperplasia [Roos & others] 320(17):1120–sa; [Greenfield] 320(17):1142–e
Cohen, N. D.
Transmission of retroviruses by transfusion of screened blood in patients undergoing cardiac surgery [Cohen & others] 320(18):1172*
Cohen, R. A.
Impaired neurogenic and endothelium-mediated relaxation of penile smooth muscle from diabetic men with impotence [Saenz de Tejada & others] 320(16):1025*
Cohn, J. N.
Inotropic therapy for heart failure: paradise postponed [Cohn] 320(11):729–e
Cohn, L. H.
Book Review of *Management of Angina Pectoris.* (Patterson) [Cohn] 320(7):469–br
Cole, E.
Randomized controlled trial of prednisone in patients with idiopathic membranous nephropathy [Cattran & others]

320(4):210*; [Relman] 320(4):248–e

Collins, A. J.
Kidney dialysis treatment for victims of the Armenian earthquake [Collins] 320(19):1291–sr

Collins, M. V.
Randomized, controlled trial of very early prophylactic ligation of the ductus arteriosus in babies who weighed 1000 g or less at birth [Cassady & others] 320(23):1511*; [Stahlman] 320(23):1551–e

Colman, R. W.
Role of plasma proteases in septic shock [Colman] 320(18): 1207–e

Colvin, R. B.
MGH Case Records (Case 11-1989): A 57-year-old woman with recurrent skin lesions, arthritis, and renal dysfunction [Moscicki & Colvin] 320(11):718–cpc

Comella, C. L.
Multicenter study of autologous adrenal medullary transplantation to the corpus striatum in patients with advanced Parkinson's disease [Goetz & others] 320(6):337*

Comi, G. C.
Plasmapheresis in the treatment of stiff-man syndrome [Vicari & others] 320(22):1499–c

Comola, M.
Plasmapheresis in the treatment of stiff-man syndrome [Vicari & others] 320(22):1499–c

Compton, C. C.
MGH Case Records (Case 3-1989): A 23-year-old man with recurrent bouts of abdominal pain and vomiting [Margolies & Compton] 320(3):171–cpc
MGH Case Records (Case 4-1989): Sudden onset of abdominal pain and hematemesis in a 56-year-old woman [Kaplan & Compton] 320(4):235–cpc
MGH Case Records (Case 15-1989): A 52-year-old man with neurofibromatosis and jaundice [Erbe & Compton] 320(15):996–cpc

Comstock, G. W.
Hodgkin's disease and Epstein–Barr virus: altered antibody pattern before diagnosis [Mueller & others] 320(11):689*

Connelly, K.
Use of psychoactive medication and the quality of care in rest homes: findings and policy implications of a statewide study [Avorn & others] 320(4):227–sa

Constable, J. D.
Book Review of *Looking the Tiger in the Eye: Confronting the nuclear threat.* (Feldbaum & Bee) [Constable] 320(15): 1018–br

Cook, D. B.
Resource-based relative-value scale for physicians' reimbursement [Cook & others] 320(8):533–c

Cooper, A.
Detection of autoantibodies to recombinant mitochondrial proteins in patients with primary biliary cirrhosis [Van de Water & others] 320(21):1377*

Cooper, M. E.
Reduced bone mass in daughters of women with osteoporosis [Seeman & others] 320(9):554*

Cooper, M. R.
Efficacy of adjuvant chemotherapy in high-risk node-negative breast cancer: an intergroup study [Mansour & others] 320(8):485*; [Relman] 320(8):525–e; [McGuire] 320(8): 525–e; [DeVita] 320(8):527–e

Cooper, S. G.
Small-bowel obstruction caused by oat-bran bezoar [Cooper & Tracey] 320(17):1148–c

Copeland, P. M.
Bulimia nervosa [Sigman & others] 320(11):735–c

Coplan, N. L.
Diltiazem and mortality and reinfarction after myocardial infarction [Durrleman & others] 320(2):123–c

Coppel, R.
Detection of autoantibodies to recombinant mitochondrial proteins in patients with primary biliary cirrhosis [Van de Water & others] 320(21):1377*

Corcos, D.
Intrathecal baclofen for severe spinal spasticity [Penn & others] 320(23):1517*; [Young] 320(23):1553–e

Cordon-Cardo, C.
Association of the Lewis blood-group phenotype with recurrent urinary tract infections in women [Sheinfeld & others] 320(12):773*; [Schoolnik] 320(12):804–e

Corona, R.
Superior limbic keratoconjunctivitis apparently related to particulate material from a ventilation system [Corona & Abraham] 320(20):1354–c

Corry, R. J.
Book Review of *Renal Transplantation.* (Milford) [Corry] 320(18):1224–br

Cortes, E.
HIV-1, HIV-2, and HTLV-I infection in high-risk groups in Brazil [Cortes & others] 320(15):953*; [Quinn & others] 320(15):1005–e

Costantini, M.
Changes in needle sharing and syringe cleaning among San Francisco drug abusers [Sorensen & others] 320(12):807–c

Costantino, J.
Randomized clinical trial evaluating tamoxifen in the treatment of patients with node-negative breast cancer who have estrogen-receptor–positive tumors [Fisher & others] 320(8):479*; [Relman] 320(8):525–e; [McGuire] 320(8): 525–e; [DeVita] 320(8):527–e

Cotran, R. S.
Book Review of *Autopsy: Medical practice and public policy.* (Hill & Anderson) [Cotran] 320(13):875–br

Counts, R. B.
Aspirin, heparin, or both to treat unstable angina [Spodick & others] 320(15):1014–c

Couper, R.
Microscopic nephrocalcinosis in cystic fibrosis [Couper & others] 320(5):318–c

Courpotin, C.
Prospective study of infants born to women seropositive for human immunodeficiency virus type 1 [Blanche & others] 320(25):1643*; [Katz & Wilfert] 320(25):1687–e

Courtney, M. G.
Aplastic anemia after liver transplantation for non-A, non-B hepatitis [Forbes & others] 320(2):122–c

Couture, J.
Randomized clinical trial evaluating tamoxifen in the treatment of patients with node-negative breast cancer who have estrogen-receptor–positive tumors [Fisher & others] 320(8):479*; [Relman] 320(8):525–e; [McGuire] 320(8): 525–e; [DeVita] 320(8):527–e

Cox, C.
Multicenter study of autologous adrenal medullary transplantation to the corpus striatum in patients with advanced Parkinson's disease [Goetz & others] 320(6):337*

Craig, R. M.
Screening for celiac disease [Beutner & others] 320(16): 1087–c

Cranford, R. E.
Physician's responsibility toward hopelessly ill patients: a second look [Wanzer & others] 320(13):844–sa

Cremer, M.
Regression of Barrett's epithelium with omeprazole [Deviere & others] 320(22):1497–c

Crofts, T. J.
Randomized trial of nonoperative treatment for perforated peptic ulcer [Crofts & others] 320(15):970*

Cros, D.
HTLV-I polymyositis in a patient also infected with the human immunodeficiency virus [Wiley & others] 320(15): 992–mi

Crossman, S.
High monounsaturated fat diet for non-insulin-dependent diabetes mellitus [Truswell & others] 320(8):535–c

Crouch, E. C.
Treatment of pulmonary hemangiomatosis with recombinant interferon alfa-2a [White & others] 320(18):1197–mi; [Folkman] 320(18):1211–e
Crouse, D. T.
Randomized, controlled trial of very early prophylactic ligation of the ductus arteriosus in babies who weighed 1000 g or less at birth [Cassady & others] 320(23):1511*; [Stahlman] 320(23):1551–e
Crozier, I.
Valvular heart disease in systemic lupus erythematosus [Crozier & others] 320(11):739–c
Crumpacker, C. S.
Acyclovir-resistant herpes simplex virus infections in patients with the acquired immunodeficiency syndrome [Erlich & others] 320(5):293–mi; [Hirsch & Schooley] 320(5):313–e
Successful treatment with foscarnet of an acyclovir-resistant mucocutaneous infection with herpes simplex virus in a patient with acquired immunodeficiency syndrome [Chatis & others] 320(5):297–mi; [Hirsch & Schooley] 320(5):313–e
Crystal, R. G.
Maintenance of alveolitis in patients with chronic beryllium disease by beryllium-specific helper T cells [Saltini & others] 320(17):1103*
Cummings, C.
Efficacy of neonatal ocular prophylaxis for the prevention of chlamydial and gonococcal conjunctivitis [Hammerschlag & others] 320(12):769*; [Schachter] 320(12):802–e
Cummings, J. J.
Controlled trial of dexamethasone in preterm infants at high risk for bronchopulmonary dysplasia [Cummings & others] 320(23):1505*; [Stahlman] 320(23):1551–e
Cummings, M. L.
Large community outbreak of cryptosporidiosis due to contamination of a filtered public water supply [Hayes & others] 320(21):1372*; [Olson] 320(21):1413–e
Curran, J. W.
Perinatal transmission of the human immunodeficiency virus type 1 to infants of seropositive women in Zaire [Ryder & others] 320(25):1637*; [Katz & Wilfert] 320(25):1687–e
Curran, K. L.
Increased risk of Lyme disease for cat owners [Curran & Fish] 320(3):183–c
Curran, W. J.
Cancer-causing substances in food, drugs, and cosmetics [Schultz & others] 320(14):934–c
Constitutional right to health care: denial in the court [Curran] 320(12):788–mi
Legal immunity for medical peer-review programs: new policies explored [Curran] 320(4):233–mi
Cutler, G. B., Jr.
Treatment of familial male precocious puberty with spironolactone and testolactone [Laue & others] 320(8):496*
Cutter, G. R.
Randomized, controlled trial of very early prophylactic ligation of the ductus arteriosus in babies who weighed 1000 g or less at birth [Cassady & others] 320(23):1511*; [Stahlman] 320(23):1551–e
Cutz, E.
Microvillus inclusion disease: an inherited defect of brush-border assembly and differentiation [Cutz & others] 320(10):646–mi

D

Dale, D. C.
Treatment of cyclic neutropenia with granulocyte colony-stimulating factor [Hammond & others] 320(20):1306*; [Quesenberry] 320(20):1343–e
Dall'Aglio, E.
Risk factors for coronary artery disease in healthy persons with hyperinsulinemia and normal glucose tolerance [Zavaroni & others] 320(11):702*; [Foster] 320(11):733–e
Dallapiccola, B.
Amplification of DNA from epithelial cells in urine [Gasparini & others] 320(12):809–c
Daly, B. D. T.
MGH Case Records (Case 23-1989): A 25-year-old woman with a right pulmonary density 14 months after a right upper lobectomy for an atypical carcinoid tumor [Daly & Mark] 320(23):1540–cpc
Damato, J. J.
Screening for human immunodeficiency virus infections [Stoto & others] 320(7):461–c
Dang-Vu, V.
Autosomal dominant spondyloarthropathy [Gaucher & others] 320(14):940–c
Danner, D.
Detection of autoantibodies to recombinant mitochondrial proteins in patients with primary biliary cirrhosis [Van de Water & others] 320(21):1377*
Dattwyler, R. J.
Seronegative Lyme disease [Relman & others] 320(19):1279–c
Davachi, F.
Perinatal transmission of the human immunodeficiency virus type 1 to infants of seropositive women in Zaire [Ryder & others] 320(25):1637*; [Katz & Wilfert] 320(25):1687–e
Davasesn, C. J.
Contrast nephrotoxicity: a randomized controlled trial of a nonionic and an ionic radiographic contrast agent [Schwab & others] 320(3):149*; [Brezis & Epstein] 320(3):179–e
Davis, A. M.
Book Review of *Low-Level Radioactive Waste Regulation: Science, politics, and fear.* (Burns) [Davis] 320(4):261–br
Davis, J. A.
Neurobiology of depression [Johnson & others] 320(13):869–c
Day, S. E.
Dexamethasone therapy for bacterial meningitis [Skapek & others] 320(7):463–c
Deblinger, R. D.
Rapid emergence of a focal epidemic of Lyme disease in coastal Massachusetts [Lastavica & others] 320(3):133*; [Hamlet & others] 320(24):1626–c
de Bono, D.
Tissue plasminogen activator [de Bono & others] 320(5):317–c
de Britton, R. C.
Human papillomavirus infection and cervical cancer in Latin America [Reeves & others] 320(22):1437*
DeBroe, M. E.
Analgesic nephropathy — a preventable renal disease [Bennett & DeBroe] 320(19):1269–e
DeCamilli, P.
Plasmapheresis in the treatment of stiff-man syndrome [Vicari & others] 320(22):1499–c
DeCosse, J. J.
Book Review of *Colon and Rectal Surgery.* 2nd ed. (Corman) [DeCosse] 320(18):1225–br
de Crepy, A.
Prospective study of infants born to women seropositive for human immunodeficiency virus type 1 [Blanche & others] 320(25):1643*; [Katz & Wilfert] 320(25):1687–e
Deforest, A.
Intravenous infusion of zidovudine (AZT) in children with HIV infection [Lischner & others] 320(12):805–c
de Franchis, R.
Prediction of the first variceal hemorrhage [Ohara & others] 320(13):868–c
Deftos, L. J.
Hormone-negative, chromogranin A–positive endocrine tumors [Sobol & others] 320(7):444–mi
Degeorges, M. E.
Bronchial hyperresponsiveness to methacholine in patients

with impaired left ventricular function [Cabanes & others] 320(20):1317*; [Fishman] 320(20):1346–e

Dehmer, G. J.
Reduction in coronary restenosis with n−3 fatty acids [Berger & others] 320(7):465–c

de Knijff, J. C.
Direct visualization of mycobacteria in blood culture [Moffie & others] 320(1):61–c

de la Cruz, F. F.
Safety and efficacy of chorionic villus sampling for early prenatal diagnosis of cytogenetic abnormalities [Rhoads & others] 320(10):609*; [Mennuti] 320(10):661–e

de la Cruz, L.
Abnormalities in parathyroid hormone secretion and 1,25-dihydroxyvitamin D_3 formation in women with osteoporosis [Silverberg & others] 320(5):277*; [Franz & others] 320(25):1697–c

de Lissovoy, G.
Book Review of *Bitter Pill: Tough choices in America's health policy*. (Sorian) [de Lissovoy] 320(9):601–br

Delke, I.
Efficacy of neonatal ocular prophylaxis for the prevention of chlamydial and gonococcal conjunctivitis [Hammerschlag & others] 320(12):769*; [Schachter] 320(12):802–e

Delmore, T.
Randomized controlled trial of prednisone in patients with idiopathic membranous nephropathy [Cattran & others] 320(4):210*; [Relman] 320(4):248–e

Delprato, S.
IgA antigliadin antibodies as a possible marker for IgA mesangial glomerulonephritis in adults with primary glomerulonephritis [Rostoker & others] 320(19):1283–c

Demedts, M.
Serum lactate dehydrogenase in small-cell lung cancer [Van den Brande & Demedts] 320(1):61–c

Denes, P.
Stereo speaker silences automatic implantable cardioverter–defibrillator [Karson & others] 320(24):1628–c

Dennis, V. W.
Analgesic use and chronic renal disease [Sandler & others] 320(19):1238*; [Bennett & DeBroe] 320(19):1269–e

de Pont, J. J. H. H. M.
Atrial natriuretic factor and sodium intake in offspring of hypertensive and normotensive parents [van Hooft & others] 320(13):867–c

DeSanctis, R. W.
Risk of stroke from carotid bruits [Bartlett & others] 320(14):936–c

Desnick, R. J.
Neuroaxonal dystrophy due to lysosomal α-*N*-acetylgalactosaminidase deficiency [Schindler & others] 320(26):1735–mi
Safety and efficacy of chorionic villus sampling for early prenatal diagnosis of cytogenetic abnormalities [Rhoads & others] 320(10):609*; [Mennuti] 320(10):661–e

de Sousa, M.
Body iron stores and the risk of cancer [Yip & others] 320(15):1012–c

De Souza, Y. G.
Localization of Epstein–Barr virus DNA in the epithelial cells of oral hairy leukoplakia by in situ hybridization on tissue sections [De Souza & others] 320(23):1559–c

Detels, R.
HIV-1, HIV-2, and HTLV-I infection in high-risk groups in Brazil [Cortes & others] 320(15):953*; [Quinn & others] 320(15):1005–e
Human immunodeficiency virus type 1 infection in homosexual men who remain seronegative for prolonged periods [Imagawa & others] 320(22):1458*; [Haseltine] 320(22):1487–e

Detre, K. M.
Initiative to evaluate and improve medical practice [Tayloe & others] 320(16):1084–c

D'Eugenio, D. B.
Controlled trial of dexamethasone in preterm infants at high risk for bronchopulmonary dysplasia [Cummings & others] 320(23):1505*; [Stahlman] 320(23):1551–e

Deutsch, M.
Eight-year results of a randomized clinical trial comparing total mastectomy and lumpectomy with or without irradiation in the treatment of breast cancer [Fisher & others] 320(13):822*

Devereux, R. B.
Diagnosis and prognosis of mitral-valve prolapse [Devereux] 320(16):1077–e

Deviere, J.
Regression of Barrett's epithelium with omeprazole [Deviere & others] 320(22):1497–c

Deville, A.
Prospective study of infants born to women seropositive for human immunodeficiency virus type 1 [Blanche & others] 320(25):1643*; [Katz & Wilfert] 320(25):1687–e

DeVita, V. T., Jr.
Breast cancer therapy: exercising all our options [DeVita] 320(8):527–e

DeVivo, D. C.
Mitochondrial DNA deletions in progressive external ophthalmoplegia and Kearns–Sayre syndrome [Moraes & others] 320(20):1293*; [Harding] 320(20):1341–e

DeVore, S. L.
Female intravenous drug users and perinatal HIV transmission [Brown & others] 320(22):1493–c

Diamond, I.
Alcoholic myopathy and cardiomyopathy [Diamond] 320(7):458–e

Diaz, L. A.
Pathogenic effect of IgG4 autoantibodies in endemic pemphigus foliaceus (fogo selvagem) [Rock & others] 320(22):1463*

DiBianco, R.
Comparison of oral milrinone, digoxin, and their combination in the treatment of patients with chronic heart failure [DiBianco & others] 320(11):677*; [Cohn] 320(11):729–e

Dickson, E. R.
Efficacy of liver transplantation in patients with primary biliary cirrhosis [Markus & others] 320(26):1709*

Dickson, R.
Detection of autoantibodies to recombinant mitochondrial proteins in patients with primary biliary cirrhosis [Van de Water & others] 320(21):1377*

Di Febo, G.
Topical administration of 5-aminosalicylic acid: a therapeutic proposal for the treatment of pouchitis [Miglioli & others] 320(4):257–c

DiMauro, S.
Mitochondrial DNA deletions in progressive external ophthalmoplegia and Kearns–Sayre syndrome [Moraes & others] 320(20):1293*; [Harding] 320(20):1341–e

Dimény, E.
HIV receptors (CD4 antigen) in normal human glomerular cells [Karlsson-Parra & others] 320(11):741–c

Dimitrov, N. V.
Randomized clinical trial evaluating sequential methotrexate and fluorouracil in the treatment of patients with node-negative breast cancer who have estrogen-receptor–negative tumors [Fisher & others] 320(8):473*; [Relman] 320(8):525–e; [McGuire] 320(8):525–e; [DeVita] 320(8):527–e
Randomized clinical trial evaluating tamoxifen in the treatment of patients with node-negative breast cancer who have estrogen-receptor–positive tumors [Fisher & others] 320(8):479*; [Relman] 320(8):525–e; [McGuire] 320(8):525–e; [DeVita] 320(8):527–e

Dinarello, C. A.
Effect of dietary supplementation with n−3 polyunsaturated fatty acids on the synthesis of interleukin-1 and tumor ne-

crosis factor by mononuclear cells [Endres & others] 320(5):265*
Dische, F.
Thin-basement-membrane nephropathy [Dische & others] 320(26):1752–c
Disler, D. G.
Technology and the allocation of resources [Disler & others] 320(24):1629–c
Dittus, R. S.
Effects of PPS on the care of elderly patients with hip fracture [Cogen & others] 320(13):871–c
Divgi, A. B.
Oncologist-induced vomiting: the Igvid syndrome? [Divgi] 320(3):189–c
Dixon, F. R.
Exposure of health care workers to the blood of patients infected with the human immunodeficiency virus [Manian & others] 320(20):1350–c
Dixon, J. H., Jr.
Managing the third-party payers [Dixon] 320(9):601–c
Dixon, R. E.
Medical advice by celebrities [Dixon & Kriegman] 320(11): 742–c
Dodds, W. J.
Efficacy of endoscopic sphincterotomy after cholecystectomy in patients with sphincter-of-Oddi dysfunction [Geenen & others] 320(2):82*
Dodek, A.
Need donated hearts be entirely free from disease? [Dodek] 320(24):1628–c
Dodge, R. E., Jr.
Ideal of continuous improvement [Gild & others] 320(21): 1424–c
Dolins, S. L.
More on transmission of HIV by blood transfusion [Perkins & others] 320(7):463–c
Relation between AIDS cases and HIV prevalence [Salzberg & Dolins] 320(14):936–c
Donahue, J. G.
Transmission of retroviruses by transfusion of screened blood in patients undergoing cardiac surgery [Cohen & others] 320(18):1172*
Donaldson, M. G.
Book Review of *Angioscopy: Vascular and coronary applications.* (White & White) [Donaldson] 320(6):404–br
Doney, K.
Effect of HLA compatibility on engraftment of bone marrow transplants in patients with leukemia or lymphoma [Anasetti & others] 320(4):197*
Donis-Keller, H.
Mapping the gene for hereditary cutaneous malignant melanoma–dysplastic nevus to chromosome 1p [Bale & others] 320(21):1367*
Donowitz, G. R.
More on the costs of beta-lactam antibiotics [Malcolm & others] 320(8):538–c
Dorkin, J. R.
Adoption: a psalm for Sam [Dorkin] 320(15):1017–c
Douard, D.
Prospective study of infants born to women seropositive for human immunodeficiency virus type 1 [Blanche & others] 320(25):1643*; [Katz & Wilfert] 320(25):1687–c
Doyle, D. J.
Comparison of high-dose with low-dose subcutaneous heparin to prevent left ventricular mural thrombosis in patients with acute transmural anterior myocardial infarction [Turpie & others] 320(6):352*; [Fuster & Halperin] 320(6):392–c
Drabick, J. J.
Actinomycotic tonsillitis with expectoration of sulfur granules [Drabick & Looney] 320(9):599–c
Dracopoli, N. C.
Mapping the gene for hereditary cutaneous malignant melanoma–dysplastic nevus to chromosome 1p [Bale & others] 320(21):1367*
Drazen, J. M.
Reversing the irreversible [Drazen & Gerard] 320(23): 1555–c
Dreon, D. M.
Changes in lipoproteins during weight loss [Massé & others] 320(10):668–c
Dressler, L. G.
Prediction of relapse or survival in patients with node-negative breast cancer by DNA flow cytometry [Clark & others] 320(10):627*
Dreyer, P.
Use of psychoactive medication and the quality of care in rest homes: findings and policy implications of a statewide study [Avorn & others] 320(4):227–sa
Drumm, B.
Microvillus inclusion disease: an inherited defect of brush-border assembly and differentiation [Cutz & others] 320(10):646–mi
Dubini, A.
Did Leonardo describe Parkinson's disease? [Calne & others] 320(9):594–c
Dubler, N. N.
Book Review of *Care and Punishment: The dilemmas of prison medicine.* (Prout & Ross) [Dubler] 320(25):1701–br
Book Review of *Child Sexual Abuse: A handbook for health care and legal professionals.* (Schetky & Green) [Dubler] 320(1):65–br
Dudley, J.
Human immunodeficiency virus type 1 infection in homosexual men who remain seronegative for prolonged periods [Imagawa & others] 320(22):1458*; [Haseltine] 320(22): 1487–e
Dugoujon, J.-M.
Possible new genetic marker associated with a severe course of multiple sclerosis, located on chromosome 2: Km [Berr & others] 320(7):467–c
Dumonceau, J.-M.
Regression of Barrett's epithelium with omeprazole [Deviere & others] 320(22):1497–c
Dunn, D.
Resource-based relative-value scale for physicians' reimbursement [Cook & others] 320(8):533–c
Durant, J. R.
Book Review of *Breast Diseases.* (Harris & others) [Durant] 320(24):1632–br
Durie, P.
Microscopic nephrocalcinosis in cystic fibrosis [Couper & others] 320(5):318–c
Durie, P. R.
Microvillus inclusion disease: an inherited defect of brush-border assembly and differentiation [Cutz & others] 320(10):646–mi
Durrleman, S.
Diltiazem and mortality and reinfarction after myocardial infarction [Durrleman & others] 320(2):123–c
Dusleag, J.
Plasma levels of atrial natriuretic peptide in transient left ventricular ischemia [Gasser & others] 320(26):1752–c
Dustan, H. P.
Renal insufficiency in treated essential hypertension [Rostand & others] 320(11):684*; [Klahr] 320(11):731–c
Dyck, P. J.
Pathogenesis of diabetic neuropathy [Winegrad & others] 320(1):57–c

E

Early Breast Cancer Trialists' Collaborative Group
Therapy for early breast cancer [Heath & Early Breast Cancer Trialists' Collaborative Group] 320(23):1558–c
Easterling, D. V.
Changes in the location of death after passage of Medicare's

prospective payment system: a national study [Sager & others] 320(7):433–sa

Eastman, R. C.
Specificity spillover at the hormone receptor — exploring its role in human disease [Fradkin & others] 320(10):640–md

Eaves, A. C.
Clonal hematopoiesis demonstrated by X-linked DNA polymorphisms after allogeneic bone marrow transplantation [Turhan & others] 320(25):1655*

Eaves, C. J.
Clonal hematopoiesis demonstrated by X-linked DNA polymorphisms after allogeneic bone marrow transplantation [Turhan & others] 320(25):1655*

Eber, B.
Plasma levels of atrial natriuretic peptide in transient left ventricular ischemia [Gasser & others] 320(26):1752–c

Eberlein, T. J.
Book Review of *Surgical Care of the Elderly*. (Meakins & McClaran) [Eberlein] 320(12):813–br

Eckel, R. H.
Lipoprotein lipase: a multifunctional enzyme relevant to common metabolic diseases [Eckel] 320(16):1060–bi

Edelman, S.
Hyperkalemia during treatment with HMG-CoA reductase inhibitor [Edelman & others] 320(18):1219–c

Edelsberg, J. S.
Alcohol consumption and withdrawal in new-onset seizures [Edelsberg & others] 320(9):596–c

Edwards, M. S.
Group B streptococcal vaccine in pregnant women [Franciosi & others] 320(12):807–c

Edwards, W. H.
Multicenter randomized, placebo-controlled trial of surfactant therapy for respiratory distress syndrome [Horbar & others] 320(15):959*

Egge, H.
Neuroaxonal dystrophy due to lysosomal α-*N*-acetylgalactosaminidase deficiency [Schindler & others] 320(26):1735–mi

Ehret, J. M.
Book Review of *Color Atlas and Textbook of Diagnostic Microbiology*. 3rd ed. (Koneman & others) [Judson & Ehret] 320(10):675–br

Ehrmann, D. A.
Pituitary–ovarian responses to nafarelin testing in the polycystic ovary syndrome [Barnes & others] 320(9):559*

Eisenberg, J. M.
How can we pay for graduate medical education in ambulatory care? [Eisenberg] 320(23):1525–sa; [Federman] 320(23):1556–e

Eisenberg, L.
What do regional variations in the rates of hospitalization of children really mean? [Wise & Eisenberg] 320(18):1209–e

Ekungola, B.
Perinatal transmission of the human immunodeficiency virus type 1 to infants of seropositive women in Zaire [Ryder & others] 320(25):1637*; [Katz & Wilfert] 320(25):1687–e

Elashoff, J. D.
Randomized study of maintenance therapy with ranitidine to prevent the recurrence of duodenal ulcer [Van Deventer & others] 320(17):1113*

Elias, A.
Recombinant GM-CSF in myelosuppression of chemotherapy [Pollak & others] 320(4):253–c

Elias, A. M.
Recombinant human GM-CSF in myelosuppression of chemotherapy (continued) [Bar & others] 320(14):939–c

Elias, A. N.
Changes in lipoproteins during weight loss [Massé & others] 320(10):668–c

Elias, S.
Politics of transplantation of human fetal tissue [Annas & Elias] 320(16):1079–sb
Safety and efficacy of chorionic villus sampling for early prenatal diagnosis of cytogenetic abnormalities [Rhoads & others] 320(10):609*; [Mennuti] 320(10):661–e

Elliot, M. L.
Resource-based relative-value scale for physicians' reimbursement [Cook & others] 320(8):533–c

Ellis, E. N.
Glomerular lesions and urinary albumin excretion in Type I diabetes without overt proteinuria [Chavers & others] 320(15):966*

Ellis, R.
Cephawhatchamacallums [Ellis & Lancaster] 320(13):872–c

Ellsworth, N. M.
Changes in lipoproteins during weight loss [Massé & others] 320(10):668–c

Emanuel, E. J.
Do physicians have an obligation to treat patients with AIDS? [Lennihan & others] 320(2):120–c

Emmett, M.
Effect of the time of administration of calcium acetate on phosphorus binding [Schiller & others] 320(17):1110*; [Coburn & Salusky] 320(17):1140–e

Endres, S.
Effect of dietary supplementation with n−3 polyunsaturated fatty acids on the synthesis of interleukin-1 and tumor necrosis factor by mononuclear cells [Endres & others] 320(5):265*

Engelhardt, H. T., Jr.
Morality for the medical–industrial complex [Sulmasy & others] 320(16):1082–c

Enthoven, A.
Consumer-choice health plan for the 1990s: universal health insurance in a system designed to promote quality and economy (in two parts) [Enthoven & Kronick] 320(1):29–sa; 320(2):94–sa; [Relman] 320(2):117–e; [Relman] 320(5):314–e; [Disler & others] 320(24):1629–c

Epler, G. R.
MGH Case Records (Case 17-1989): A 58-year-old man with cavitary lung disease [Epler & Mark] 320(17):1130–cpc

Epstein, F. H.
Closer look at radiocontrast-induced nephropathy [Brezis & Epstein] 320(3):179–e

Epstein, L. G.
Intravenous infusion of zidovudine (AZT) in children with HIV infection [Lischner & others] 320(12):805–c

Epstein, L. H.
Effect of nicotine on energy expenditure during light physical activity [Perkins & others] 320(14):898*; [Rigotti] 320(14):931–e

Epstein, S. E.
Calcium-antagonist receptors in the atrial tissue of patients with hypertrophic cardiomyopathy [Wagner & others] 320(12):755*; [Braunwald] 320(12):800–e

Erbe, R. W.
MGH Case Records (Case 15-1989): A 52-year-old man with neurofibromatosis and jaundice [Erbe & Compton] 320(15):996–cpc

Erice, A.
Progressive disease due to ganciclovir-resistant cytomegalovirus in immunocompromised patients [Erice & others] 320(5):289–mi; [Hirsch & Schooley] 320(5):313–e

Eriksson, S.
Effect of omeprazole and ranitidine on ulcer healing and relapse rates in patients with benign gastric ulcer [Walan & others] 320(2):69*

Erlich, K. S.
Acyclovir-resistant herpes simplex virus infections in patients with the acquired immunodeficiency syndrome [Erlich & others] 320(5):293–mi; [Hirsch & Schooley] 320(5):313–e

Essex, M.
HIV-2 infection in the United States [Ayanian & others] 320(21):1422–c

Estruch, R.
Effects of alcoholism on skeletal and cardiac muscle [Urbano-Marquez & others] 320(7):409*; [Diamond] 320(7):458–e
European Cooperative Study Group for t-PA in Myocardial Infarction
Tissue plasminogen activator [de Bono & others] 320(5):317–c
Evans, A.
Hodgkin's disease and Epstein–Barr virus: altered antibody pattern before diagnosis [Mueller & others] 320(11):689*
Evans, J.
Randomized clinical trial evaluating tamoxifen in the treatment of patients with node-negative breast cancer who have estrogen-receptor–positive tumors [Fisher & others] 320(8):479*; [Relman] 320(8):525–e; [McGuire] 320(8):525–e; [DeVita] 320(8):527–e
Evans, R. G.
Controlling health expenditures — the Canadian reality [Evans & others] 320(9):571–sa; [Relman] 320(9):590–e

F

Fabrizio, M.
Severity of sleep apnea and automobile crashes [Findley & others] 320(13):868–c
Fahey, J. L.
Human immunodeficiency virus type 1 infection in homosexual men who remain seronegative for prolonged periods [Imagawa & others] 320(22):1458*; [Haseltine] 320(22):1487–e
Fain, K.
Effects of human granulocyte colony-stimulating factor in a patient with idiopathic neutropenia [Jakubowski & others] 320(1):38–mi
Fair, W. R.
Association of the Lewis blood-group phenotype with recurrent urinary tract infections in women [Sheinfeld & others] 320(12):773*; [Schoolnik] 320(12):804–e
Falkner, B.
Microscopic nephrocalcinosis in cystic fibrosis [Couper & others] 320(5):318–c
Falkson, G.
Efficacy of adjuvant chemotherapy in high-risk node-negative breast cancer: an intergroup study [Mansour & others] 320(8):485*; [Relman] 320(8):525–e; [McGuire] 320(8):525–e; [DeVita] 320(8):527–e
Fallon, B. G.
Book Review of *Soft Tissue Tumors*. 2nd ed. (Enzinger & Weiss) [Fallon] 320(12):814–br
Fan, L. L.
Treatment of pulmonary hemangiomatosis with recombinant interferon alfa-2a [White & others] 320(18):1197–mi; [Folkman] 320(18):1211–e
Fanburg, B. L.
MGH Case Records (Case 9-1989): A 32-year-old man with AIDS and a cavitary pulmonary lesion [Fanburg & Mark] 320(9):582–cpc
Fannin, S. L.
Epidemic listeriosis [Jasper & others] 320(8):538–c
Farid, N.
Contrast material–induced renal failure in patients with diabetes mellitus, renal insufficiency, or both: a prospective controlled study [Parfrey & others] 320(3):143*; [Brezis & Epstein] 320(3):179–e
Farrar, W.
Randomized clinical trial evaluating tamoxifen in the treatment of patients with node-negative breast cancer who have estrogen-receptor–positive tumors [Fisher & others] 320(8):479*; [Relman] 320(8):525–e; [McGuire] 320(8):525–e; [DeVita] 320(8):527–e
Farrar, W. E.
Book Review of *AIDS: The facts*. (Langone) [Farrar] 320(13):873–br
Feder, H. M., Jr.
Dexamethasone therapy for bacterial meningitis [Skapek & others] 320(7):463–c
Federman, D. D.
Medical education in outpatient settings [Federman] 320(23):1556–e
Physician's responsibility toward hopelessly ill patients: a second look [Wanzer & others] 320(13):844–sa
Feeny, D.
Controlling health expenditures — the Canadian reality [Evans & others] 320(9):571–sa; [Relman] 320(9):590–e
Fefer, A.
Graft-versus-host disease as adoptive immunotherapy in patients with advanced hematologic neoplasms [Sullivan & others] 320(13):828*
Feigl, A.
Case 28-1988 [Feigl & Feigl] 320(6):401–c
Feigl, D.
Case 28-1988 [Feigl & Feigl] 320(6):401–c
Feinstein, A. R.
New prognostic staging system for the acquired immunodeficiency syndrome [Justice & others] 320(21):1388–sa
Feldman, M. I.
Randomized clinical trial evaluating tamoxifen in the treatment of patients with node-negative breast cancer who have estrogen-receptor–positive tumors [Fisher & others] 320(8):479*; [Relman] 320(8):525–e; [McGuire] 320(8):525–e; [DeVita] 320(8):527–e
Fellström, B.
HIV receptors (CD4 antigen) in normal human glomerular cells [Karlsson-Parra & others] 320(11):741–c
Felton, J. R.
Localization of Epstein–Barr virus DNA in the epithelial cells of oral hairy leukoplakia by in situ hybridization on tissue sections [De Souza & others] 320(23):1559–c
Fenichel, G. M.
Randomized, double-blind six-month trial of prednisone in Duchenne's muscular dystrophy [Mendell & others] 320(24):1592*; [Brown] 320(24):1621–e
Feriozzi, S.
Improvement of renal function with selective thromboxane antagonism in lupus nephritis [Pierucci & others] 320(7):421*
Ferner, R. E.
Increased insulin concentrations in nondiabetic offspring of diabetic parents [Ferner & others] 320(19):1282–c
Ferngren, G. B.
Book Review of *Pasteurization of France*. (Latour) [Ferngren] 320(15):1017–br
Book Review of *Smallpox Story in Words and Pictures*. (Behbehani) [Ferngren] 320(15):1017–br
Ferran, C.
Systemic reaction to the anti–T-cell monoclonal antibody OKT3 in relation to serum levels of tumor necrosis factor and interferon-α [Chatenoud & others] 320(21):1420–c
Ferré, M.
Identification of high-risk and low-risk subgroups of patients with mitral-valve prolapse [Marks & others] 320(16):1031*; [Devereux] 320(16):1077–e
Ferrier, C.
Atrial natriuretic factor and sodium intake in offspring of hypertensive and normotensive parents [van Hooft & others] 320(13):867–c
Ferris, J. A.
Handgun regulations, crime, assaults, and homicide: a tale of two cities [Blackman & others] 320(18):1214–c
Ferry, J. A.
MGH Case Records (Case 7-1989): Unilateral exophthalmos three years after treatment of cervical and mediastinal Hodgkin's disease [Jakobiec & Ferry] 320(7):447–cpc
Fesmire, F. M.
In-hospital outcome in patients with coronary artery disease

in whom myocardial infarction has been ruled out [Fesmire & others] 320(21):1423–c

Fiddian-Green, R. G.
Book Review of *Essential Surgical Practice*. 2nd ed. (Cuschieri & others) [Fiddian-Green] 320(6):403–br

Field, C. J.
Acute mountain sickness [Callen & others] 320(22):1492–c

Fielding, J. E.
Health effects of involuntary smoking [Seidman & others] 320(19):1287–c

Fienberg, R.
MGH Case Records (Case 25-1989): A 56-year-old man with hemoptysis and microscopic hematuria [Coggins & others] 320(25):1677–cpc

Figueroa, J. P.
Antibodies to *Strongyloides stercoralis* in healthy Jamaican carriers of HTLV-I [Neva & others] 320(4):252–c
HTLV-I infection and arthropod vectors [Murphy & others] 320(17):1146–c

Findley, L. J.
Severity of sleep apnea and automobile crashes [Findley & others] 320(13):868–c

Fink, A. J.
Group B streptococcal vaccine in pregnant women [Franciosi & others] 320(12):807–c

Fink, M. P.
Book Review of *Intensive Care: Facing the critical choices*. (Raffin & others) [Fink] 320(23):1566–br
Book Review of *Textbook of Critical Care*. 2nd ed. (Shoemaker & others) [Fink] 320(6):405–br

Finkel, A. M.
Cancer-causing substances in food, drugs, and cosmetics [Schultz & others] 320(14):934–c

Firtion, G.
Prospective study of infants born to women seropositive for human immunodeficiency virus type 1 [Blanche & others] 320(25):1643*; [Katz & Wilfert] 320(25):1687–e

Fischell, T. A.
Occlusive coronary-artery spasm as a cause of acute myocardial infarction after coronary-artery bypass grafting [Fischell & others] 320(6):400–c

Fish, D.
Increased risk of Lyme disease for cat owners [Curran & Fish] 320(3):183–c

Fisher, B.
Eight-year results of a randomized clinical trial comparing total mastectomy and lumpectomy with or without irradiation in the treatment of breast cancer [Fisher & others] 320(13):822*
Randomized clinical trial evaluating sequ ntial methotrexate and fluorouracil in the treatment of patients with node-negative breast cancer who have estrogen-receptor–negative tumors [Fisher & others] 320(8):473*; [Relman] 320(8):525–e; [McGuire] 320(8):525–e; [DeVita] 320(8): 527–e
Randomized clinical trial evaluating tamoxifen in the treatment of patients with node-negative breast cancer who have estrogen-receptor–positive tumors [Fisher & others] 320(8):479*; [Relman] 320(8):525–e; [McGuire] 320(8): 525–e; [DeVita] 320(8):527–e

Fisher, E.
Eight-year results of a randomized clinical trial comparing total mastectomy and lumpectomy with or without irradiation in the treatment of breast cancer [Fisher & others] 320(13):822*

Fisher, E. R.
Randomized clinical trial evaluating sequential methotrexate and fluorouracil in the treatment of patients with node-negative breast cancer who have estrogen-receptor–negative tumors [Fisher & others] 320(8):473*; [Relman] 320(8):525–e; [McGuire] 320(8):525–e; [DeVita] 320(8): 527–e
Randomized clinical trial evaluating tamoxifen in the treatment of patients with node-negative breast cancer who have estrogen-receptor–positive tumors [Fisher & others] 320(8):479*; [Relman] 320(8):525–e; [McGuire] 320(8): 525–e; [DeVita] 320(8):527–e

Fisher, E. S.
Mortality and reoperation after open and transurethral resection of the prostate for benign prostatic hyperplasia [Roos & others] 320(17):1120–sa; [Greenfield] 320(17):1142–e

Fisher, L.
Graft-versus-host disease as adoptive immunotherapy in patients with advanced hematologic neoplasms [Sullivan & others] 320(13):828*

Fisher, M. C.
Intravenous infusion of zidovudine (AZT) in children with HIV infection [Lischner & others] 320(12):805–c

Fishman, A. P.
Cardiac asthma — a fresh look at an old wheeze [Fishman] 320(20):1346–e

FitzGerald, G. A.
Antihypertensive effects of fish oil: a controlled study of polyunsaturated fatty acid supplements in essential hypertension [Knapp & FitzGerald] 320(16):1037*

Fitzgerald, J. F.
Effects of PPS on the care of elderly patients with hip fracture [Cogen & others] 320(13):871–c

Fitzgibbon, J. F. K.
MGH Case Records (Case 1-1989): A 50-year-old man with alcoholic cirrhosis and gastrointestinal hemorrhage [Kelsey & Fitzgibbon] 320(1):43–cpc

Fitzmaurice, J. M.
Initiative to evaluate and improve medical practice [Tayloe & others] 320(16):1084–c

Flaherty, J. A.
Emotional distress during magnetic resonance imaging [Flaherty & Hoskinson] 320(7):467–c

Flanery, R. C.
Bulimia nervosa [Sigman & others] 320(11):735–c

Fleiss, J. L.
Diltiazem and mortality and reinfarction after myocardial infarction [Durrleman & others] 320(2):123–c

Fleming, T. R.
Efficacy of liver transplantation in patients with primary biliary cirrhosis [Markus & others] 320(26):1709*

Flood, K.
Book Review of *Douglas–Stromme Operative Obstetrics*. 5th ed. (Zuspan & Quilligan) [Flood & Sachs] 320(20):1356–br

Florence, J.
Randomized, double-blind six-month trial of prednisone in Duchenne's muscular dystrophy [Mendell & others] 320(24):1592*; [Brown] 320(24):1621–e

Fogelfeld, L.
Recurrence of thyroid nodules after surgical removal in patients irradiated in childhood for benign conditions [Fogelfeld & others] 320(13):835*

Folkman, J.
Successful treatment of an angiogenic disease [Folkman] 320(18):1211–e

Follansbee, S. E.
Acyclovir-resistant herpes simplex virus infections in patients with the acquired immunodeficiency syndrome [Erlich & others] 320(5):293–mi; [Hirsch & Schooley] 320(5): 313–e

Folli, F.
Plasmapheresis in the treatment of stiff-man syndrome [Vicari & others] 320(22):1499–c

Fong, C. K. Y.
False positive HIV antibody reaction due to transfusion-induced HLA-DR4 sensitization [Yu & others] 320(22): 1495–c

Fontana, A.
HIV transmission through kidney transplantation from a living related donor [Quarto & others] 320(26):1754–c

Fooks, C.
Controlling health expenditures — the Canadian reality [Evans & others] 320(9):571–sa; [Relman] 320(9):590–e

Forbes, G.
Aplastic anemia after liver transplantation for non-A, non-B hepatitis [Forbes & others] 320(2):122–c
Fordtran, J. S.
Effect of the time of administration of calcium acetate on phosphorus binding [Schiller & others] 320(17):1110*; [Coburn & Salusky] 320(17):1140–e
Forstner, G. G.
Microvillus inclusion disease: an inherited defect of brush-border assembly and differentiation [Cutz & others] 320(10):646–mi
Fortier, D.
Enterically transmitted non-A, non-B hepatitis: importation from Mexico to Massachusetts [Fortier & others] 320(19): 1281–c
Fortmann, S. P.
Changes in lipoproteins during weight loss [Massé & others] 320(10):668–c
Foster, D. W.
Insulin resistance — a secret killer? [Foster] 320(11):733–e
Foster, R.
Randomized clinical trial evaluating sequential methotrexate and fluorouracil in the treatment of patients with node-negative breast cancer who have estrogen-receptor–negative tumors [Fisher & others] 320(8):473*; [Relman] 320(8):525–e; [McGuire] 320(8):525–e; [DeVita] 320(8): 527–e
Fowler, H. L.
Elevated levels of creatine kinase BB isoenzyme in three patients with adult osteopetrosis [Yoneyama & others] 320(19):1284–c
Fowles, R. E.
Book Review of *Practice of Cardiology*. 2nd ed. (Eagle & others) [Fowles] 320(22):1501–br
Fradkin, J. E.
Specificity spillover at the hormone receptor — exploring its role in human disease [Fradkin & others] 320(10):640–md
Fragoso, C.
Breathing patterns in recipients of heart–lung transplants [Systrom & others] 320(10):669–c
Franchimont, P.
Systemic reaction to the anti–T-cell monoclonal antibody OKT3 in relation to serum levels of tumor necrosis factor and interferon-α [Chatenoud & others] 320(21):1420–c
Franciosi, R. A.
Group B streptococcal vaccine in pregnant women [Franciosi & others] 320(12):807–c
Francis, H.
Perinatal transmission of the human immunodeficiency virus type 1 to infants of seropositive women in Zaire [Ryder & others] 320(25):1637*; [Katz & Wilfert] 320(25): 1687–e
Francis, J.
Using restraints in the elderly because of fear of litigation [Francis] 320(13):870–c
Frank, D. A.
Effects of maternal marijuana and cocaine use on fetal growth [Zuckerman & others] 320(12):762*
Franz, K. B.
Abnormalities in parathyroid hormone secretion and 1,25-dihydroxyvitamin D_3 formation in women with osteoporosis [Franz & others] 320(25):1697–c
Fraser, M. C.
Mapping the gene for hereditary cutaneous malignant melanoma–dysplastic nevus to chromosome 1p [Bale & others] 320(21):1367*
Frazier, O. H.
Transmission of retroviruses by transfusion of screened blood in patients undergoing cardiac surgery [Cohen & others] 320(18):1172*
Frederik, P. M.
Thin-basement-membrane nephropathy [Dische & others] 320(26):1752–c
Thin-basement-membrane nephropathy in adults with persistent hematuria [Tiebosch & others] 320(1):14*; [Glassock] 320(1):51–e; [Dische & others] 320(26):1752–c
Freeman, J. L.
Variations in rates of hospitalization of children in three urban communities [Perrin & others] 320(18):1183–sa; [Wise & Eisenberg] 320(18):1209–e
Frei, E., III
Recombinant GM-CSF in myelosuppression of chemotherapy [Pollak & others] 320(4):253–c
Recombinant human GM-CSF in myelosuppression of chemotherapy (continued) [Bar & others] 320(14):939–c
Frey-Hewitt, B.
Changes in lipoproteins during weight loss [Massé & others] 320(10):668–c
Fried, L. E.
Effects of maternal marijuana and cocaine use on fetal growth [Zuckerman & others] 320(12):762*
Friedenheim, R. E.
Oral iron and the Hemoccult test: a controversy on the teaching wards [Kulbaski & others] 320(22):1500–c
Friedland, G. H.
Prospective study of the risk of tuberculosis among intravenous drug users with human immunodeficiency virus infection [Selwyn & others] 320(9):545*
Friedman, E. A.
More on therapy for hyperkalemia in renal insufficiency [Batlle & others] 320(22):1496–c
Polycystic kidney disease [Cheng & others] 320(11):737–c
Preferred therapy of hyperkalemia in renal insufficiency: survey of nephrology training-program directors [Iqbal & Friedman] 320(1):60–c; [Batlle & others] 320(22): 1496–c
Friedman, L. S.
Book Review of *Gastrointestinal Disease: Pathophysiology, diagnosis, management*. 4th ed. (Sleisenger & Fordtran) [Ritsema & Friedman] 320(21):1433–br
Fritsche, C. M.
Thin-basement-membrane nephropathy [Dische & others] 320(26):1752–c
Frizzera, G.
bcl-2 and other genomic alterations in the prognosis of large-cell lymphoma [Yunis & others] 320(16):1047*
Froese, A. B.
Treatment of respiratory failure in preterm infants [Froese & others] 320(25):1694–c
Frumkin, H.
Book Review of *Investing in Employee Health: A guide to effective health promotion in the workplace*. (Sloan & others) [Frumkin] 320(4):261–br
Fryd, D. S.
Randomized, placebo-controlled trial of oral acyclovir for the prevention of cytomegalovirus disease in recipients of renal allografts [Balfour & others] 320(21):1381*
Fueger, G. F.
Plasma levels of atrial natriuretic peptide in transient left ventricular ischemia [Gasser & others] 320(26):1752–c
Fullerton, B. C.
Book Review of *Clinical Anatomy*. (Lindner) [Fullerton] 320(11):744–br
Book Review of *Essentials of Human Anatomy*. 8th ed. (Woodburne & Burkel) [Fullerton] 320(11):744–br
Fumagalli, L.
Effects of recombinant human granulocyte colony-stimulating factor on neutropenia in patients with congenital agranulocytosis [Bonilla & others] 320(24):1574*
Funahashi, T.
Autoimmune hyperchylomicronemia [Kihara & others] 320(19):1255–mi; [Brunzell & Austin] 320(19):1273–e
Furlan, A. J.
Risk of stroke from carotid bruits [Bartlett & others] 320(14): 936–c
Fuster, V.
Left ventricular thrombi and cerebral embolism [Fuster & Halperin] 320(6):392–e

Futamura, S.
Pathogenic effect of IgG4 autoantibodies in endemic pemphigus foliaceus (fogo selvagem) [Rock & others] 320(22): 1463*
Fye, W. B.
William Osler's departure from North America: the price of success [Fye] 320(21):1425–on; [Relman] 320(21): 1411–c

G

Gabbe, S. G.
Book Review of *Diabetes Mellitus in Pregnancy: Principles and practice.* (Reece & Coustan) [Gabbe] 320(20):1357–br
Gabow, P. A.
Polycystic kidney disease [Cheng & others] 320(11):737–c
Gabrilove, J.
Effects of human granulocyte colony-stimulating factor in a patient with idiopathic neutropenia [Jakubowski & others] 320(1):38–mi
Gabrilove, J. L.
Effects of recombinant human granulocyte colony-stimulating factor on neutropenia in patients with congenital agranulocytosis [Bonilla & others] 320(24):1574*
Gafni, A.
Controlling health expenditures — the Canadian reality [Evans & others] 320(9):571–sa; [Relman] 320(9):590–e
Gaitán, E.
Human papillomavirus infection and cervical cancer in Latin America [Reeves & others] 320(22):1437*
Gale, M. E.
Book Review of *Nuclear Medicine: Applications to surgery.* (Davies & Thomas) [Gale] 320(17):1153–br
Galve, E.
Valvular heart disease in systemic lupus erythematosus [Crozier & others] 320(11):739–c
Gam, A.
Antibodies to *Strongyloides stercoralis* in healthy Jamaican carriers of HTLV-I [Neva & others] 320(4):252–c
Gammon, R. S.
High-output cardiac failure in multiple myeloma [Leporrier & others] 320(21):1419–c
Ganguli, R.
Differences in interleukin-2 production in blacks and whites [Ganguli & Rabin] 320(6):399–c
Gannett, P.
Health and medical care in Ethiopia [Halbrooks & others] 320(17):1149–c
Garan, H.
MGH Case Records (Case 10-1989): A 60-year-old man with a large right atrial mass [Garan & Horowitz] 320(10): 652–cpc
Garay, S. C.
Changes in lipoproteins during weight loss [Massé & others] 320(10):668–c
García, M.
Human papillomavirus infection and cervical cancer in Latin America [Reeves & others] 320(22):1437*
Garg, A.
High monounsaturated fat diet for non-insulin-dependent diabetes mellitus [Truswell & others] 320(8):535–c
Garrett, N. C.
"Hook effect": high concentrations of prostate-specific antigen giving artifactually low values on one-step immunoassay [Wolf & others] 320(26):1755–c
Gasparini, P.
Amplification of DNA from epithelial cells in urine [Gasparini & others] 320(12):809–c
Gasser, R.
Plasma levels of atrial natriuretic peptide in transient left ventricular ischemia [Gasser & others] 320(26):1752–c
Gaucher, A.
Autosomal dominant spondyloarthropathy [Gaucher & others] 320(14):940–c
Gauger, L.
Multicenter study of autologous adrenal medullary transplantation to the corpus striatum in patients with advanced Parkinson's disease [Goetz & others] 320(6):337*
Gault, W. B.
Salaried physicians and economic incentives [Imperato & others] 320(3):187–c
Gavras, H.
Converting-enzyme inhibitors in the treatment of hypertension [Hume & others] 320(26):1750–c
Geddes, D. M.
Lack of effect of lung denervation on the measurement of potential difference after single-lung transplantation [Alton & others] 320(26):1755–c
Gee, J. B. L.
Asbestos-related diseases [Mossman & Gee] 320(26): 1721–mp
Geenen, J. E.
Efficacy of endoscopic sphincterotomy after cholecystectomy in patients with sphincter-of-Oddi dysfunction [Geenen & others] 320(2):82*
Geha, R. S.
Immunodeficiency characterized by defective signal transduction in T lymphocytes [Chatila & others] 320(11):696*
Gehl, L. G.
Risk of stroke from carotid bruits [Bartlett & others] 320(14): 936–c
Geiger, H. J.
Book Review of *Perfecting the World: The life and times of Dr. Thomas Hodgkin.* (Kass & Kass) [Geiger] 320(15): 1017–br
Gelman, R. L.
Book Review of *Bulimia: Psychoanalytic treatment and theory.* (Schwartz) [Gelman] 320(16):1090–br
Generali, J.
Converting-enzyme inhibitors in the treatment of hypertension [Hume & others] 320(26):1750–c
Genge, M.
Contrast material–induced renal failure in patients with diabetes mellitus, renal insufficiency, or both: a prospective controlled study [Parfrey & others] 320(3):143*; [Brezis & Epstein] 320(3):179–e
Gent, M.
Comparison of high-dose with low-dose subcutaneous heparin to prevent left ventricular mural thrombosis in patients with acute transmural anterior myocardial infarction [Turpie & others] 320(6):352*; [Fuster & Halperin] 320(6):392–e
Georgilis, K.
Effect of dietary supplementation with n−3 polyunsaturated fatty acids on the synthesis of interleukin-1 and tumor necrosis factor by mononuclear cells [Endres & others] 320(5):265*
Geracioti, T. D., Jr.
Bulimia nervosa [Sigman & others] 320(11):735–c
Gerard, C.
Reversing the irreversible [Drazen & Gerard] 320(23): 1555–e
Gerard, R. D.
Elevated levels of creatine kinase BB isoenzyme in three patients with adult osteopetrosis [Yoneyama & others] 320(19):1284–c
Germinario, C.
HIV transmission through kidney transplantation from a living related donor [Quarto & others] 320(26):1754–c
Gernsheimer, T.
Mechanisms of response to treatment in autoimmune thrombocytopenic purpura [Gernsheimer & others] 320(15): 974*
Gersh, B. J.
Smoking cessation in older patients with coronary artery disease [Hare & others] 320(17):1149–c
Gershon, A. A.
Persistence of immunity to varicella in children with leukemia

immunized with live attenuated varicella vaccine [Gershon & others] 320(14):892*
Gershwin, M. E.
Detection of autoantibodies to recombinant mitochondrial proteins in patients with primary biliary cirrhosis [Van de Water & others] 320(21):1377*
Gevaert, Y.
Systemic reaction to the anti–T-cell monoclonal antibody OKT3 in relation to serum levels of tumor necrosis factor and interferon-α [Chatenoud & others] 320(21):1420–c
Ghorbani, R.
Effect of dietary supplementation with n−3 polyunsaturated fatty acids on the synthesis of interleukin-1 and tumor necrosis factor by mononuclear cells [Endres & others] 320(5):265*
Gibbs, W. N.
HTLV-I infection and arthropod vectors [Murphy & others] 320(17):1146–c
Gibson, C. M.
Atrial fibrillation induced by breath spray [Ridker & others] 320(2):124–c
Gidding, S. S.
Hypoparathyroidism and the DiGeorge syndrome [Greenberg & others] 320(17):1146–c
Gilchrest, B. A.
Treatment of children with port-wine stains using the flashlamp-pulsed tunable dye laser [Tan & others] 320(7):416*
Gilchrist, K. W.
Efficacy of adjuvant chemotherapy in high-risk node-negative breast cancer: an intergroup study [Mansour & others] 320(8):485*; [Relman] 320(8):525–e; [McGuire] 320(8): 525–e; [DeVita] 320(8):527–e
Gild, W. M.
Ideal of continuous improvement [Gild & others] 320(21): 1424–c
Gilder, B.
Randomized, double-blind six-month trial of prednisone in Duchenne's muscular dystrophy [Mendell & others] 320(24):1592*; [Brown] 320(24):1621–e
Gill, J. B.
Reduction in coronary restenosis with n−3 fatty acids [Berger & others] 320(7):465–c
Gill, T. J., III
Book Review of *Diagnostic Immunopathology.* (Colvin & others) [Gill] 320(22):1501–br
Gillio, A. P.
Effects of recombinant human granulocyte colony-stimulating factor on neutropenia in patients with congenital agranulocytosis [Bonilla & others] 320(24):1574*
Ginsberg, N. A.
Safety and efficacy of chorionic villus sampling for early prenatal diagnosis of cytogenetic abnormalities [Rhoads & others] 320(10):609*; [Mennuti] 320(10):661–e
Ginzberg, E.
For-profit medicine: a reassessment [Brophy & Ginzberg] 320(3):188–c
Giorgi, J.
Human immunodeficiency virus type 1 infection in homosexual men who remain seronegative for prolonged periods [Imagawa & others] 320(22):1458*; [Haseltine] 320(22): 1487–e
Girot, R.
Fetal hemoglobin in sudden infant death syndrome [Cheron & others] 320(15):1011–c
Girschek, P.
Retinopathy of prematurity and bilirubin [Heyman & others] 320(4):256–c
Glass, A.
Eight-year results of a randomized clinical trial comparing total mastectomy and lumpectomy with or without irradiation in the treatment of breast cancer [Fisher & others] 320(13):822*
Randomized clinical trial evaluating sequential methotrexate and fluorouracil in the treatment of patients with node-negative breast cancer who have estrogen-receptor–negative tumors [Fisher & others] 320(8):473*; [Relman] 320(8):525–e; [McGuire] 320(8):525–e; [DeVita] 320(8): 527–e
Glassman, R. S.
Book Review of *Curse: A cultural history of menstruation.* (Delaney & others) [Glassman] 320(5):325–br
Book Review of *Premenstrual Syndrome.* (Keye) [Glassman] 320(5):325–br
Glassock, R. J.
Thin-basement-membrane nephropathy [Dische & others] 320(26):1752–c
Through thick and thin [Glassock] 320(1):51–e
Gleicher, N.
Program to lower cesarean section rates [Golde & others] 320(25):1692–c
Glickman, L.
Clonazepam in the treatment of steroid-induced mania in a patient after renal transplantation [Viswanathan & Glickman] 320(5):319–c
Gnudi, L.
Risk factors for coronary artery disease in healthy persons with hyperinsulinemia and normal glucose tolerance [Zavaroni & others] 320(11):702*; [Foster] 320(11):733–e
Godoy, G.
Randomized, controlled trial of very early prophylactic ligation of the ductus arteriosus in babies who weighed 1000 g or less at birth [Cassady & others] 320(23):1511*; [Stahlman] 320(23):1551–e
Goetz, C. G.
Multicenter study of autologous adrenal medullary transplantation to the corpus striatum in patients with advanced Parkinson's disease [Goetz & others] 320(6):337*
Goetz, F. C.
Familial clustering of diabetic kidney disease: evidence for genetic susceptibility to diabetic nephropathy [Seaquist & others] 320(18):1161*
Golbus, M. S.
Safety and efficacy of chorionic villus sampling for early prenatal diagnosis of cytogenetic abnormalities [Rhoads & others] 320(10):609*; [Mennuti] 320(10):661–e
Gold, P. W.
Neurobiology of depression [Johnson & others] 320(13): 869–c
Goldberg, J. D.
Safety and efficacy of chorionic villus sampling for early prenatal diagnosis of cytogenetic abnormalities [Rhoads & others] 320(10):609*; [Mennuti] 320(10):661–e
Goldberg, R. I.
Case 35-1988 [Cohen & Goldberg] 320(6):402–c
Golde, S. H.
Program to lower cesarean section rates [Golde & others] 320(25):1692–c
Goldenberg, I. F.
Provocation of bradycardia and hypotension by isoproterenol and upright posture in patients with unexplained syncope [Almquist & others] 320(6):346*; [Abboud] 320(6): 390–e
Goldfarb, J.
Intravenous saline as adjunctive therapy for patients with AIDS given pentamidine [Goldfarb] 320(19):1281–c
Goldin, K.
Reduction in coronary restenosis with n−3 fatty acids [Berger & others] 320(7):465–c
Goldings, H. J.
Acute mountain sickness [Callen & others] 320(22):1492–c
Goldman, L. S.
Book Review of *Don't Accept Me As I Am: Helping "retarded" people to excel.* (Feuerstein & others) [Goldman] 320(1): 65–br
Goldstein, I.
Impaired neurogenic and endothelium-mediated relaxation of penile smooth muscle from diabetic men with impotence [Saenz de Tejada & others] 320(16):1025*

Goldstein, M. R.
More on heparin for prevention of atherosclerosis [Goldstein & Shulman] 320(13):866–c
Goldwater, P. N.
Exposure of health care workers to the blood of patients infected with the human immunodeficiency virus [Manian & others] 320(20):1350–c
Golightly, M. G.
Seronegative Lyme disease [Relman & others] 320(19): 1279–c
Gonzaga, A.
HIV-1, HIV-2, and HTLV-I infection in high-risk groups in Brazil [Cortes & others] 320(15):953*; [Quinn & others] 320(15):1005–e
Goodman, M. L.
MGH Case Records (Case 14-1989): An 82-year-old woman with a complete left facial palsy and a left mastoid mass [Vernick & Goodman] 320(14):924–cpc
Goodnough, C. P.
Health and medical care in Ethiopia [Halbrooks & others] 320(17):1149–c
Goodwin, F. K.
Neurobiology of depression [Johnson & others] 320(13): 869–c
Goold, S. D.
Oral iron and the Hemoccult test: a controversy on the teaching wards [Kulbaski & others] 320(22):1500–c
Gorin, A. B.
Assessing acid–base status in circulatory failure: differences between arterial and central venous blood [Adrogué & others] 320(20):1312*; [Bleich] 320(20):1345–e
Gornick, C. C.
Provocation of bradycardia and hypotension by isoproterenol and upright posture in patients with unexplained syncope [Almquist & others] 320(6):346*; [Abboud] 320(6): 390–e
Gorny, M. K.
Reinterpretation of human immunodeficiency virus Western blot patterns [Zolla-Pazner & others] 320(19):1280–c
Gostin, L.
Book Review of *Liability: The legal revolution and its consequences.* (Huber) [Gostin] 320(14):946–br
Goto, A.
Release of endogenous digitalis-like factor with sodium loading [Goto & others] 320(2):124–c
Gottlieb, G.
Intrathecal baclofen for severe spinal spasticity [Penn & others] 320(23):1517*; [Young] 320(23):1553–e
Gotto, A. M., Jr.
Effect of triglyceride levels on methyl and methylene envelope line widths in proton nuclear magnetic resonance spectroscopy of human plasma [Mims & others] 320(22): 1452*
Gould, E.
Book Review of *Handbook of Fine Needle Aspiration Biopsy Cytology.* 2nd ed. (Kline) [Gould] 320(12):814–br
Gould, S. A.
Book Review of *Aortic Surgery.* (Bergan & Yao) [Gould] 320(24):1631–br
Gove, C.
N-acetylcysteine in the treatment of acetaminophen overdose [Westman & others] 320(21):1417–c
Goyert, G. L.
Physician factor in cesarean birth rates [Goyert & others] 320(11):706–sa
Gozzetti, G.
Topical administration of 5-aminosalicylic acid: a therapeutic proposal for the treatment of pouchitis [Miglioli & others] 320(4):257–c
Grace, K.
Stereo speaker silences automatic implantable cardioverter–defibrillator [Karson & others] 320(24):1628–c
Graham, J. R.
Medicine in music [Graham] 320(12):812–c
Grambsch, P. M.
Efficacy of liver transplantation in patients with primary biliary cirrhosis [Markus & others] 320(26):1709*
Granfors, K.
Yersinia antigens in synovial-fluid cells from patients with reactive arthritis [Granfors & others] 320(4):216*; [Mills] 320(4):245–e
Grant, R. M.
Acyclovir-resistant herpes simplex virus infections in patients with the acquired immunodeficiency syndrome [Erlich & others] 320(5):293–mi; [Hirsch & Schooley] 320(5):313–e
Grantham, J. J.
Polycystic kidney disease [Cheng & others] 320(11):737–c
Grassi, C.
Randomized trial of methylprednisolone and chlorambucil in idiopathic membranous nephropathy [Ponticelli & others] 320(1):8*; [Glassock] 320(1):51–e
Grattan, M. T.
Occlusive coronary-artery spasm as a cause of acute myocardial infarction after coronary-artery bypass grafting [Fischell & others] 320(6):400–c
Grau, G. E.
Tumor necrosis factor and disease severity in children with falciparum malaria [Grau & others] 320(24):1586*
Grau, J. M.
Effects of alcoholism on skeletal and cardiac muscle [Urbano-Marquez & others] 320(7):409*; [Diamond] 320(7):458–e
Gray, L. A.
Handgun regulations, crime, assaults, and homicide: a tale of two cities [Blackman & others] 320(18):1214–c
Gray, R.
Conflict-of-interest guidelines for a multicenter clinical trial of treatment after coronary-artery bypass-graft surgery [Healy & others] 320(14):949–sr; [Relman] 320(14):933–e
Efficacy of adjuvant chemotherapy in high-risk node-negative breast cancer: an intergroup study [Mansour & others] 320(8):485*; [Relman] 320(8):525–e; [McGuire] 320(8): 525–e; [DeVita] 320(8):527–e
Greely, H. T.
Ethical use of human fetal tissue in medicine [Greely & others] 320(16):1093–sr; [Annas & Elias] 320(16):1079–sb
Green, L.
Pressure to keep prices high at a walk-in clinic [Yunker & others] 320(3):183–c
Green, P.
Mapping the gene for hereditary cutaneous malignant melanoma–dysplastic nevus to chromosome 1p [Bale & others] 320(21):1367*
Greenberg, A.
Perinatal transmission of the human immunodeficiency virus type 1 to infants of seropositive women in Zaire [Ryder & others] 320(25):1637*; [Katz & Wilfert] 320(25):1687–e
Greenberg, F.
Hypoparathyroidism and the DiGeorge syndrome [Greenberg & others] 320(17):1146–c
Greene, D. A.
Pathogenesis of diabetic neuropathy [Winegrad & others] 320(1):57–c
Greene, M. H.
Mapping the gene for hereditary cutaneous malignant melanoma–dysplastic nevus to chromosome 1p [Bale & others] 320(21):1367*
Greenfield, S.
State of outcome research: are we on target? [Greenfield] 320(17):1142–e
Greenlee, R.
Acute mountain sickness [Callen & others] 320(22):1492–c
Greenspan, D.
Localization of Epstein–Barr virus DNA in the epithelial cells of oral hairy leukoplakia by in situ hybridization on tissue sections [De Souza & others] 320(23):1559–c
Greenspan, J. S.
Localization of Epstein–Barr virus DNA in the epithelial cells

of oral hairy leukoplakia by in situ hybridization on tissue sections [De Souza & others] 320(23):1559–c

Gregory, K.
Book Review of *Cesarean Delivery*. (Phelan & Clark) [Sachs & Gregory] 320(5):323–br

Griffin, D. E.
Immune activation in measles [Griffin & others] 320(25): 1667*

Griffin, J. D.
Recombinant GM-CSF in myelosuppression of chemotherapy [Pollak & others] 320(4):253–c
Recombinant human GM-CSF in myelosuppression of chemotherapy (continued) [Bar & others] 320(14):939–c

Griffith, B. P.
Breathing patterns in recipients of heart–lung transplants [Systrom & others] 320(10):669–c

Griffiths, S. M.
Contrast material–induced renal failure in patients with diabetes mellitus, renal insufficiency, or both: a prospective controlled study [Parfrey & others] 320(3):143*; [Brezis & Epstein] 320(3):179–e

Griggs, R. C.
Randomized, double-blind six-month trial of prednisone in Duchenne's muscular dystrophy [Mendell & others] 320(24):1592*; [Brown] 320(24):1621–e

Grimm, K. T.
Use of the polymerase chain reaction for early detection of the proviral sequences of human immunodeficiency virus in infants born to seropositive mothers [Rogers & others] 320(25):1649*; [Katz & Wilfert] 320(25):1687–e

Griscelli, C.
Prospective study of infants born to women seropositive for human immunodeficiency virus type 1 [Blanche & others] 320(25):1643*; [Katz & Wilfert] 320(25):1687–e

Grob, D.
Acute rhabdomyolysis associated with cocaine intoxication [Kothur & others] 320(10):667–c

Grobbee, D. E.
Atrial natriuretic factor and sodium intake in offspring of hypertensive and normotensive parents [van Hooft & others] 320(13):867–c

Groshen, S. C. B.
Body iron stores and the risk of cancer [Yip & others] 320(15):1012–c

Gross, J. A.
Brachial plexus injury due to vest restraints [Scott & Gross] 320(9):598–c

Gross, S. J.
Controlled trial of dexamethasone in preterm infants at high risk for bronchopulmonary dysplasia [Cummings & others] 320(23):1505*; [Stahlman] 320(23):1551–e

Grossberg, H. S.
GM-CSF with ganciclovir for the treatment of CMV retinitis in AIDS [Grossberg & others] 320(23):1560–c

Grundy, S. M.
High monounsaturated fat diet for non-insulin-dependent diabetes mellitus [Truswell & others] 320(8):535–c
Hyperkalemia during treatment with HMG-CoA reductase inhibitor [Edelman & others] 320(18):1219–c

Gryder, J. W.
Handgun regulations, crime, assaults, and homicide: a tale of two cities [Blackman & others] 320(18):1214–c

Guay-Woodford, L.
Gamma globulin deficiency in newborns with congenital nephrotic syndrome [Mathias & others] 320(6):398–c, 320(18):1227–x

Guerci, A. D.
TIMI II and the role of angioplasty in acute myocardial infarction [Guerci & Ross] 320(10):663–e

Guillem, J. P.
Closed-chest ablation of retrograde conduction in patients with atrioventricular nodal reentrant tachycardia [Haissaguerre & others] 320(7):426*; [Scheinman] 320(7): 460–e

Gunnell, J. C.
Delayed death from ingestion of a toothpick [Bee & others] 320(10):673–c

Gupta, S.
Book Review of *Confronting AIDS: Update 1988*. (Institute of Medicine) [Gupta] 320(3):190–br

Gurwitz, J. H.
Book Review of *Physiological Basis of Geriatrics*. (Timiras) [Gurwitz] 320(7):471–br

Guy, B.
Persistent antibody response to the HIV-1-negative regulatory factor in HIV-1-infected seronegative persons [Ameisen & others] 320(4):251–c

Guydish, J.
Changes in needle sharing and syringe cleaning among San Francisco drug abusers [Sorensen & others] 320(12):807–c

Guz, A.
Breathing patterns in recipients of heart–lung transplants [Systrom & others] 320(10):669–c

H

Hackbarth, G. M.
Initiative to evaluate and improve medical practice [Tayloe & others] 320(16):1084–c

Hackman, B.
Automatic external defibrillator for out-of-hospital cardiac arrest [Kellermann & others] 320(10):670–c

Haddad, H. M.
Book Review of *Eye, Brain, and Vision*. (Hubel) [Haddad] 320(2):128–br

Hadorn, D. C.
DNAR: do not *attempt* resuscitation [Hadorn] 320(10):673–c

Haffner, S. M.
Increased insulin concentrations in nondiabetic offspring of diabetic parents [Ferner & others] 320(19):1282–c

Hagen, T.
Handgun regulations, crime, assaults, and homicide: a tale of two cities [Blackman & others] 320(18):1214–c

Haig, A. J.
Pedal pusher's palsy [Haig] 320(1):63–c

Haissaguerre, M.
Closed-chest ablation of retrograde conduction in patients with atrioventricular nodal reentrant tachycardia [Haissaguerre & others] 320(7):426*; [Scheinman] 320(7): 460–e

Halbrooks, R. F.
Health and medical care in Ethiopia [Halbrooks & others] 320(17):1149–c

Hall, C. P.
Comparative effectiveness and costs of inpatient and outpatient detoxification of patients with mild-to-moderate alcohol withdrawal syndrome [Hayashida & others] 320(6): 358–sa; [Klerman] 320(6):394–e

Halliwell, B.
ICRF-187 and doxorubicin-induced cardiac toxicity [Halliwell & others] 320(6):399–c

Halonen, M.
Association of asthma with serum IgE levels and skin-test reactivity to allergens [Burrows & others] 320(5):271*; [Platts-Mills & others] 320(25):1696–c
Asthma and serum levels of IgE [Platts-Mills & others] 320(25):1696–c

Halperin, J. J.
Seronegative Lyme disease [Relman & others] 320(19): 1279–c

Halperin, J. L.
Left ventricular thrombi and cerebral embolism [Fuster & Halperin] 320(6):392–e

Hamerman, D.
Biology of osteoarthritis [Hamerman] 320(20):1322–md

Hamilton, R. D.
Breathing patterns in recipients of heart–lung transplants [Systrom & others] 320(10):669–c

Hamilton-Miller, J.
Methicillin-resistant *Staphylococcus aureus* [Brumfitt & Hamilton-Miller] 320(18):1188–mp
Hamlet, N.
Lyme disease [Hamlet & others] 320(24):1626–c
Hamm, T.
Ethical use of human fetal tissue in medicine [Greely & others] 320(16):1093–sr; [Annas & Elias] 320(16):1079–sb
Hamm, T. E., Jr.
Animal care at Stanford [Novic & others] 320(5):322–c
Hammer, M.
Localization of Epstein–Barr virus DNA in the epithelial cells of oral hairy leukoplakia by in situ hybridization on tissue sections [De Souza & others] 320(23):1559–c
Hammer, P.
Chromosome analyses from urinary sediment: postnatal confirmation of a prenatally diagnosed trisomy 20 mosaicism [Miny & others] 320(12):809–c
Hammerschlag, M. R.
Efficacy of neonatal ocular prophylaxis for the prevention of chlamydial and gonococcal conjunctivitis [Hammerschlag & others] 320(12):769*; [Schachter] 320(12):802–e
Hammershlak, N.
HIV-1, HIV-2, and HTLV-I infection in high-risk groups in Brazil [Cortes & others] 320(15):953*; [Quinn & others] 320(15):1005–e
Hammond, W. P., IV
Treatment of cyclic neutropenia with granulocyte colony-stimulating factor [Hammond & others] 320(20):1306*; [Quesenberry] 320(20):1343–e
Hampson, N. B.
Cooling of metered-dose inhalers decreases pressure output from canisters [Hampson & Mueller] 320(5):321–c
Hanchard, B.
Antibodies to *Strongyloides stercoralis* in healthy Jamaican carriers of HTLV-I [Neva & others] 320(4):252–c
Hand, R.
Alternative therapies used by patients with AIDS [Hand] 320(10):672–c
Hank, J. A.
Tumor-infiltrating lymphocytes and interleukin-2 in melanomas [Sondel & others] 320(21):1418–c
Hansen, J.
Graft-versus-host disease as adoptive immunotherapy in patients with advanced hematologic neoplasms [Sullivan & others] 320(13):828*
Hansen, J. A.
Effect of HLA compatibility on engraftment of bone marrow transplants in patients with leukemia or lymphoma [Anasetti & others] 320(4):197*
Hansen, R.
Provocation of bradycardia and hypotension by isoproterenol and upright posture in patients with unexplained syncope [Almquist & others] 320(6):346*; [Abboud] 320(6):390–e
Hard, C.
Acute rhabdomyolysis associated with cocaine intoxication [Kothur & others] 320(10):667–c
Harding, A. E.
Mitochondrial genome — breaking the magic circle [Harding] 320(20):1341–e
Hare, D. L.
Smoking cessation in older patients with coronary artery disease [Hare & others] 320(17):1149–c
Harig, J. M.
Treatment of diversion colitis with short-chain–fatty acid irrigation [Harig & others] 320(1):23*
Harmon, W. E.
Gamma globulin deficiency in newborns with congenital nephrotic syndrome [Mathias & others] 320(6):398–c, 320(18):1227–x
Harpel, P. C.
Promotion and subsequent inhibition of plasminogen activation after administration of intravenous endotoxin to normal subjects [Suffredini & others] 320(18):1165*; [Colman] 320(18):1207–e
Harris, H. W., Jr.
Gamma globulin deficiency in newborns with congenital nephrotic syndrome [Mathias & others] 320(6):398–c, 320(18):1227–x
Harris, J. P.
Book Review of *Pediatric Cardiology for Practitioners*. 2nd ed. (Park) [Harris] 320(1):64–br
Harris, N. L.
Hodgkin's disease and Epstein–Barr virus: altered antibody pattern before diagnosis [Mueller & others] 320(11):689*
Harrison, P.
N-acetylcysteine in the treatment of acetaminophen overdose [Westman & others] 320(21):1417–c
Hart, H. H.
Effect of intravenous streptokinase as compared with that of tissue plasminogen activator on left ventricular function after first myocardial infarction [White & others] 320(13):817*; [Rapaport] 320(13):861–e
Hartel, D.
Prospective study of the risk of tuberculosis among intravenous drug users with human immunodeficiency virus infection [Selwyn & others] 320(9):545*
Harth, A.
Depression in the elderly [McDermott & others] 320(24):1627–c
Hartzog, G. A.
Localization of Epstein–Barr virus DNA in the epithelial cells of oral hairy leukoplakia by in situ hybridization on tissue sections [De Souza & others] 320(23):1559–c
Hasbani, M.
"Bottoms up" dissection [Trosch & others] 320(23):1564–c
Haseltine, W. A.
Silent HIV infections [Haseltine] 320(22):1487–e
Haskell, W. L.
Changes in lipoproteins during weight loss [Massé & others] 320(10):668–c
Hassig, S. E.
Perinatal transmission of the human immunodeficiency virus type 1 to infants of seropositive women in Zaire [Ryder & others] 320(25):1637*; [Katz & Wilfert] 320(25):1687–e
Hatcher, E. R.
Recurrent anorexia nervosa in a hypercholesterolemic woman treated with exercise and diet modification [Hatcher] 320(23):1564–c
Hattis, D.
Cancer-causing substances in food, drugs, and cosmetics [Schultz & others] 320(14):934–c
Hauser, A. W.
Alcohol consumption and withdrawal in new-onset seizures [Edelsberg & others] 320(9):596–c
Hausner, R. S.
Depression in the elderly [McDermott & others] 320(24):1627–c
Havens, P. L.
Dexamethasone therapy for bacterial meningitis [Skapek & others] 320(7):463–c
Hawkins, C. E.
Patterns of transmission in measles outbreaks in the United States, 1985–1986 [Markowitz & others] 320(2):75*
Hayashida, M.
Comparative effectiveness and costs of inpatient and outpatient detoxification of patients with mild-to-moderate alcohol withdrawal syndrome [Hayashida & others] 320(6):358–sa; [Klerman] 320(6):394–e
Hayes, E. B.
Large community outbreak of cryptosporidiosis due to contamination of a filtered public water supply [Hayes & others] 320(21):1372*; [Olson] 320(21):1413–e
Healton, C.
Controlling AIDS in Cuba: the logic of quarantine [Bayer &

Healton] 320(15):1022–sr; [Quinn & others] 320(15): 1005–e

Healy, B.
Conflict-of-interest guidelines for a multicenter clinical trial of treatment after coronary-artery bypass-graft surgery [Healy & others] 320(14):949–sr; [Relman] 320(14):933–e
Will we face a crisis in biomedical-research brainpower in the 21st century? [Bickel & others] 320(16):1086–c

Healy, D. L.
Controlled study of luteinizing hormone–releasing hormone agonist (buserelin) for the induction of folliculogenesis before in vitro fertilization [MacLachlan & others] 320(19): 1233*

Heath, A.
Treatment of ethylene glycol poisoning with intravenous 4-methylpyrazole [McMartin & Heath] 320(2):125–c

Heath, R. C.
Therapy for early breast cancer [Heath & Early Breast Cancer Trialists' Collaborative Group] 320(23):1558–c

Heizer, W. D.
How accurate are hospital scales? [Schlegel-Pratt & Heizer] 320(3):189–c

Hench, K. D.
Treatment of familial male precocious puberty with spironolactone and testolactone [Laue & others] 320(8):496*

Henkin, R. I.
Converting-enzyme inhibitors in the treatment of hypertension [Hume & others] 320(26):1750–c

Henriksen, J. H.
Prerenal failure [Iberti & others] 320(6):397–c

Henry, K.
Do physicians have an obligation to treat patients with AIDS? [Lennihan & others] 320(2):120–c
Experience with central venous catheters in patients with AIDS [Henry & others] 320(22):1496–c

Hentz, V. R.
Book Review of *Vascular Birthmarks: Hemangiomas and malformations.* (Mulliken & Young) [Hentz] 320(18):1225–br

Herd, J. A.
Conflict-of-interest guidelines for a multicenter clinical trial of treatment after coronary-artery bypass-graft surgery [Healy & others] 320(14):949–sr; [Relman] 320(14):933–e

Hermanson, B.
Smoking cessation in older patients with coronary artery disease [Hare & others] 320(17):1149–c

Herold, A. H.
Pressure to keep prices high at a walk-in clinic [Yunker & others] 320(3):183–c

Herrero, R.
Human papillomavirus infection and cervical cancer in Latin America [Reeves & others] 320(22):1437*

Herrmann, J. B.
Book Review of *Colour Atlas of Surgical Anatomy of the Abdomen in the Living Subject.* (Calne) [Herrmann] 320(6):405–br

Hersh, P. S.
Book Review of *Surgery of the Eye.* (Waltman & others) [Hersh] 320(8):542–br

Herwaldt, B. L.
Chemoprophylaxis and treatment of malaria [Williams & others] 320(23):1561–c

Herzlich, B.
Acute rhabdomyolysis associated with cocaine intoxication [Kothur & others] 320(10):667–c

Herzog, D. B.
Bulimia nervosa [Sigman & others] 320(11):735–c

Hessburg, T. J.
Recurrent syphilitic uveitis [Richards & others] 320(1):62–c

Heyman, E.
Retinopathy of prematurity and bilirubin [Heyman & others] 320(4):256–c

Heymsfield, S.
Ursodeoxycholic acid and gallstones during weight loss [Seaton & others] 320(20):1351–c

Hickner, J. M.
Selective medical school admissions policy to increase the number of family physicians [Blohm & others] 320(8): 539–c

Hicks, J. M.
Reliability of home pregnancy-test kits in the hands of laypersons [Hicks & Iosefsohn] 320(5):320–c

HIFI Study Group
High-frequency oscillatory ventilation compared with conventional mechanical ventilation in the treatment of respiratory failure in preterm infants [HIFI Study Group] 320(2):88*; [Froese & others] 320(25):1694–c

Hilbich, C.
Amyloid A4 protein and its precursor in Down's syndrome and Alzheimer's disease [Rumble & others] 320(22):1446*; [Selkoe] 320(22):1484–e

Hillner, B. E.
Teenagers' concerns about nuclear war [Poses & others] 320(2):127–c

Himmelstein, D. U.
National health program for the United States: a physicians' proposal [Himmelstein & others] 320(2):102–sa; [Relman] 320(2):117–e; [Relman] 320(5):314–e

Hingson, R.
Effects of maternal marijuana and cocaine use on fetal growth [Zuckerman & others] 320(12):762*

Hinman, A. R.
Patterns of transmission in measles outbreaks in the United States, 1985–1986 [Markowitz & others] 320(2):75*

Hirsch, M. S.
Resistance to antiviral drugs: the end of innocence [Hirsch & Schooley] 320(5):313–e

Hirschfeld, T.
Making laboratory reports easier to read [Hirschfeld] 320(5): 321–c

Hirschhorn, B.
Spinal anesthesia [Hirschhorn] 320(17):1152–c

Hirsh, J.
Comparison of high-dose with low-dose subcutaneous heparin to prevent left ventricular mural thrombosis in patients with acute transmural anterior myocardial infarction [Turpie & others] 320(6):352*; [Fuster & Halperin] 320(6):392–e

Hirshman, C.
Association of protamine IgE and IgG antibodies with life-threatening reactions to intravenous protamine [Weiss & others] 320(14):886*

HIV Infection in Newborns French Collaborative Study Group
Prospective study of infants born to women seropositive for human immunodeficiency virus type 1 [Blanche & others] 320(25):1643*; [Katz & Wilfert] 320(25):1687–e

Hlatky, M. A.
Contrast nephrotoxicity: a randomized controlled trial of a nonionic and an ionic radiographic contrast agent [Schwab & others] 320(3):149*; [Brezis & Epstein] 320(3): 179–e

Ho, D. D.
HIV-1, HIV-2, and HTLV-I infection in high-risk groups in Brazil [Cortes & others] 320(15):953*; [Quinn & others] 320(15):1005–e

Hobbins, J. C.
Insertion of umbilical arterial catheters with guidance by ultrasound [Pollaci & others] 320(12):809–c
Safety and efficacy of chorionic villus sampling for early prenatal diagnosis of cytogenetic abnormalities [Rhoads & others] 320(10):609*; [Mennuti] 320(10):661–e

Hobbs, K. E. F.
Controversies in the management of bleeding esophageal varices (in two parts) [Terblanche & others] 320(21): 1393–mp; 320(22):1469–mp

Hockey, A.
Amyloid A4 protein and its precursor in Down's syndrome

and Alzheimer's disease [Rumble & others] 320(22):1446*; [Selkoe] 320(22):1484–e

Hodes, R. M.
Health and medical care in Ethiopia [Halbrooks & others] 320(17):1149–c

Hodge, S. E.
Waiting for the amniocentesis [Hodge] 320(1):63–c

Hoffman, G. M.
Dexamethasone therapy for bacterial meningitis [Skapek & others] 320(7):463–c

Hofman, A.
Atrial natriuretic factor and sodium intake in offspring of hypertensive and normotensive parents [van Hooft & others] 320(13):867–c

Hofmann, C. E.
Resource-based relative-value scale for physicians' r n-bursement [Cook & others] 320(8):533–c

Hogan, W. J.
Efficacy of endoscopic sphincterotomy after cholecystectomy in patients with sphincter-of-Oddi dysfunction [Geenen & others] 320(2):82*

Holbrook, P. R.
Critical care medicine [Holbrook & Kelley] 320(2):126–c

Holmes, L. B.
Malformations due to presumed spontaneous mutations in newborn infants [Nelson & Holmes] 320(1):19*

Holt, R. W.
Gunshot wounds to legs in drug runners [Sanchez & others] 320(16):1089–c

Holt, T.
I cannot afford to go to medical school [Holt] 320(24):1630–c

Holtgrave, D. R.
Book Review of *Contaminated Communities: The social and psychological impacts of residential toxic exposure.* (Edelstein) [Holtgrave] 320(19):1287–br

Holtzman, J. L.
Case 46-1988: myelolipoma of adrenal gland [Holtzman & Bursztyn] 320(19):1284–c

Holzgreve, W.
Chromosome analyses from urinary sediment: postnatal confirmation of a prenatally diagnosed trisomy 20 mosaicism [Miny & others] 320(12):809–c

Homer, C. J.
Variations in rates of hospitalization of children in three urban communities [Perrin & others] 320(18):1183–sa; [Wise & Eisenberg] 320(18):1209–e

Hommel, M.
Tumor necrosis factor and disease severity in children with falciparum malaria [Grau & others] 320(24):1586*

Honnen, W. J.
Reinterpretation of human immunodeficiency virus Western blot patterns [Zolla-Pazner & others] 320(19):1280–c

Hoogwerf, B.
Conflict-of-interest guidelines for a multicenter clinical trial of treatment after coronary-artery bypass-graft surgery [Healy & others] 320(14):949–sr; [Relman] 320(14):933–e

Hook, E. W.
Physician's responsibility toward hopelessly ill patients: a second look [Wanzer & others] 320(13):844–sa

Hopper, J. L.
Reduced bone mass in daughters of women with osteoporosis [Seeman & others] 320(9):554*

Horbar, J. D.
Multicenter randomized, placebo-controlled trial of surfactant therapy for respiratory distress syndrome [Horbar & others] 320(15):959*

Horn, J. A.
Hired help: a physician's experiences in a for-profit staff-model HMO [Hudson & others] 320(3):185–c

Horowitz, S. A.
MGH Case Records (Case 10-1989): A 60-year-old man with a large right atrial mass [Garan & Horowitz] 320(10): 652–cpc
MGH Case Records (Case 16-1989): A 36-year-old man with peripheral vascular disease [O'Donnell & Horowitz] 320(16):1068–cpc

Horrow, J. C.
Association of protamine IgE and IgG antibodies with life-threatening reactions to intravenous protamine [Weiss & others] 320(14):886*

Hoskinson, K.
Emotional distress during magnetic resonance imaging [Flaherty & Hoskinson] 320(7):467–c

Hossack, K. F.
Polycystic kidney disease [Cheng & others] 320(11):737–c

Houk, V. N.
Handgun regulations, crime, assaults, and homicide: a tale of two cities [Blackman & others] 320(18):1214–c

Housman, D. E.
Mapping the gene for hereditary cutaneous malignant melanoma–dysplastic nevus to chromosome 1p [Bale & others] 320(21):1367*

Howards, S. S.
Book Review of *Urologic Surgery in Neonates and Young Infants.* (King) [Howards] 320(12):813–br

Hsiao, W. C.
Resource-based relative-value scale for physicians' reimbursement [Cook & others] 320(8):533–c

Hsiung, G. D.
False positive HIV antibody reaction due to transfusion-induced HLA-DR4 sensitization [Yu & others] 320(22): 1495–c

Hubbell, J. P., Jr.
Book Review of *American Pediatrics: The social dynamics of professionalism, 1880–1980.* (Halpern) [Hubbell] 320(20):1357–br

Hubl, S. T.
Familial hypobetalipoproteinemia associated with a mutant species of apolipoprotein B (B-46) [Young & others] 320(24):1604–mi

Hudson, J. W.
Hired help: a physician's experiences in a for-profit staff-model HMO [Hudson & others] 320(3):185–c

Huff, J. S.
Carbon monoxide toxicity in a man working outdoors with a gasoline-powered hydraulic machine [Huff & Kardon] 320(23):1564–c

Hughes, W. T.
Antibiotics for the treatment of febrile children with neutropenia and cancer [Rubin & others] 320(14):939–c

Huisman, M. V.
Detection of deep-vein thrombosis by real-time B-mode ultrasonography [Lensing & others] 320(6):342*

Huisman, P. M.
Detection of deep-vein thrombosis by real-time B-mode ultrasonography [Lensing & others] 320(6):342*

Hume, A.
Converting-enzyme inhibitors in the treatment of hypertension [Hume & others] 320(26):1750–c

Humphries, R. K.
Clonal hematopoiesis demonstrated by X-linked DNA polymorphisms after allogeneic bone marrow transplantation [Turhan & others] 320(25):1655*

Huncharek, M.
Cancer-causing substances in food, drugs, and cosmetics [Schultz & others] 320(14):934–c

Hunninghake, D.
Conflict-of-interest guidelines for a multicenter clinical trial of treatment after coronary-artery bypass-graft surgery [Healy & others] 320(14):949–sr; [Relman] 320(14):933–e

Hunter, K. M.
Book Review of *Stories of Sickness.* (Brody) [Hunter] 320(19): 1289–br

Hunter, S.
Acute fatal HIV encephalitis with negative serologic assays for antibody and antigen: diagnosis by polymerase chain reaction [Varma & others] 320(22):1494–c

Hurwitz, E. S.
Large community outbreak of cryptosporidiosis due to contamination of a filtered public water supply [Hayes & others] 320(21):1372*; [Olson] 320(21):1413–e
Hyman, D. A.
Fraud and abuse: setting the limits on physicians' entrepreneurship [Hyman & Williamson] 320(19):1275–sb

I

Iberti, T. J.
Prerenal failure [Iberti & others] 320(6):397–c
Ichikawa, I.
Prerenal failure [Iberti & others] 320(6):397–c
Iglehart, J. K.
Medicare's new benefits: "catastrophic" health insurance [Iglehart] 320(5):329–hpr
Recommendations of the Physician Payment Review Commission [Iglehart] 320(17):1156–hpr
Ikegami, M.
Multicenter randomized, placebo-controlled trial of surfactant therapy for respiratory distress syndrome [Horbar & others] 320(15):959*
Ilonen, J.
Comparison of childhood and adult Type I diabetes mellitus [Karjalainen & others] 320(14):881*
Imagawa, D. T.
Human immunodeficiency virus type 1 infection in homosexual men who remain seronegative for prolonged periods [Imagawa & others] 320(22):1458*; [Haseltine] 320(22):1487–e
Imbasciati, E.
Randomized trial of methylprednisolone and chlorambucil in idiopathic membranous nephropathy [Ponticelli & others] 320(1):8*; [Glassock] 320(1):51–e
Imber, M. J.
MGH Case Records (Case 21-1989): A newborn girl with respiratory distress and vesicular skin lesions [Rothman & Imber] 320(21):1399–cpc
Imhoff-Gannett, T.
Health and medical care in Ethiopia [Halbrooks & others] 320(17):1149–c
Imperato, J. P.
Salaried physicians and economic incentives [Imperato & others] 320(3):187–c
Indacochea, F.
HIV infection in pregnant women in Rhode Island, 1985 to 1988 [Maynard & Indacochea] 320(24):1626–c
Inkeles, S.
High monounsaturated fat diet for non-insulin-dependent diabetes mellitus [Truswell & others] 320(8):535–c
Innes, J. A.
Breathing patterns in recipients of heart–lung transplants [Systrom & others] 320(10):669–c
Insel, R. A.
Group B streptococcal vaccine in pregnant women [Franciosi & others] 320(12):807–c
Investigators of the Post Coronary Artery Bypass Graft Surgery Clinical Trial
Conflict-of-interest guidelines for a multicenter clinical trial of treatment after coronary-artery bypass-graft surgery [Healy & others] 320(14):949–sr; [Relman] 320(14):933–e
Iosefsohn, M.
Reliability of home pregnancy-test kits in the hands of laypersons [Hicks & Iosefsohn] 320(5):320–c
Iqbal, Z.
More on therapy for hyperkalemia in renal insufficiency [Batlle & others] 320(22):1496–c
Preferred therapy of hyperkalemia in renal insufficiency: survey of nephrology training-program directors [Iqbal & Friedman] 320(1):60–c; [Batlle & others] 320(22):1496–c
Iranmanesh, A.
Elevated levels of creatine kinase BB isoenzyme in three patients with adult osteopetrosis [Yoneyama & others] 320(19):1284–c
Ishihara, T.
Mosaic expression of dystrophin in symptomatic carriers of Duchenne's muscular dystrophy [Arahata & others] 320(3):138*
Ishii, M.
Release of endogenous digitalis-like factor with sodium loading [Goto & others] 320(2):124–c
Ishiura, S.
Mosaic expression of dystrophin in symptomatic carriers of Duchenne's muscular dystrophy [Arahata & others] 320(3):138*
Iso, H.
Serum cholesterol levels and six-year mortality from stroke in 350,977 men screened for the multiple risk factor intervention trial [Iso & others] 320(14):904*
Isomäki, H.
Yersinia antigens in synovial-fluid cells from patients with reactive arthritis [Granfors & others] 320(4):216*; [Mills] 320(4):245–e
Isomäki, O.
Yersinia antigens in synovial-fluid cells from patients with reactive arthritis [Granfors & others] 320(4):216*; [Mills] 320(4):245–e
Israels, S. J.
Serious reaction to desmopressin in a child with cyanotic heart disease [Israels & Kobrinsky] 320(23):1563–c
Iversen, P.
Health and medical care in Ethiopia [Halbrooks & others] 320(17):1149–c

J

Jaccard, A.
Diethylcarbamazine and human loiasis [Jaccard & others] 320(5):320–c
Jackman, J. D.
High-output cardiac failure in multiple myeloma [Leporrier & others] 320(21):1419–c
Jackson, J. H.
Book Review of *Textbook of Physical Diagnosis: History and examination.* (Swartz) [Jackson] 320(21):1431–br
Jackson, L. G.
Safety and efficacy of chorionic villus sampling for early prenatal diagnosis of cytogenetic abnormalities [Rhoads & others] 320(10):609*; [Mennuti] 320(10):661–e
Jacob, B. G.
Ursodeoxycholic acid and gallstones during weight loss [Seaton & others] 320(20):1351–c
Jacob, R. G.
Effect of nicotine on energy expenditure during light physical activity [Perkins & others] 320(14):898*; [Rigotti] 320(14):931–e
Jacobs, D. R., Jr.
Serum cholesterol levels and six-year mortality from stroke in 350,977 men screened for the multiple risk factor intervention trial [Iso & others] 320(14):904*
Jacobs, H. C.
Insertion of umbilical arterial catheters with guidance by ultrasound [Pollaci & others] 320(12):809–c
Jacobson, M.
Exposure to di(2-ethylhexyl) phthalate in infants receiving extracorporeal membrane oxygenation [Shneider & others] 320(23):1563–c
Jacobstein, J. G.
Fraud in biomedical research [Weiss & others] 320(1):57–c
Jacomet, C.
Prospective study of infants born to women seropositive for human immunodeficiency virus type 1 [Blanche & others] 320(25):1643*; [Katz & Wilfert] 320(25):1687–e
Jacquette, G.
Eustrongylidiasis — a parasitic infection acquired by eating

sushi [Wittner & others] 320(17):1124–mi; [Schantz] 320(17):1143–e

Jaffe, E. S.
Elusive Reed–Sternberg cell [Jaffe] 320(8):529–e

Jaffe, H. W.
Exposure of health care workers to the blood of patients infected with the human immunodeficiency virus [Manian & others] 320(20):1350–c

Jagger, J.
Needle-stick injury [Mezitis & others] 320(5):316–c

Jakobiec, F. A.
Book Review of *Clinical Ocular Oncology.* (Char) [Jakobiec] 320(24):1633–br
MGH Case Records (Case 7-1989): Unilateral exophthalmos three years after treatment of cervical and mediastinal Hodgkin's disease [Jakobiec & Ferry] 320(7):447–cpc

Jakubowski, A. A.
Effects of human granulocyte colony-stimulating factor in a patient with idiopathic neutropenia [Jakubowski & others] 320(1):38–mi

Jalkanen, S.
Yersinia antigens in synovial-fluid cells from patients with reactive arthritis [Granfors & others] 320(4):216*; [Mills] 320(4):245–e

Janower, M. L.
Book Review of *Cerebral Computed Tomography: A text–atlas.* 3rd ed. (Weisberg & Nice) [Janower] 320(26):1759–br

Jarvis, D.
Absence of immunoreactive vasoactive intestinal polypeptide in tissue from the lungs of patients with asthma [Ollerenshaw & others] 320(19):1244*; [Said] 320(19): 1271–e

Jarvis, W. R.
Transmission of infectious agents by inadequately sterilized ENT instruments [Malt & others] 320(11):741–c

Jasper, D. E.
Epidemic listeriosis [Jasper & others] 320(8):538–c

Jauregui, E.
Immune activation in measles [Griffin & others] 320(25): 1667*

Jellum, E.
Hodgkin's disease and Epstein–Barr virus: altered antibody pattern before diagnosis [Mueller & others] 320(11):689*

Jenkins, R. L.
Book Review of *Transplantation of the Liver.* (Maddrey) [Jenkins & Lewis] 320(18):1224–br

Jerums, G.
Reduced bone mass in daughters of women with osteoporosis [Seeman & others] 320(9):554*

Jewell, N.
Relation of serum antilymphocyte antibodies to the development of AIDS in HIV-seropositive men [Anderson & others] 320(26):1754–c

Jobe, A. H.
Multicenter randomized, placebo-controlled trial of surfactant therapy for respiratory distress syndrome [Horbar & others] 320(15):959*

John, J. F., Jr.
Book Review of *Immunological Diagnosis of Sexually Transmitted Diseases.* (Young & McMillan) [John] 320(3):191–br

Johnson, K. A.
Pattern of malformations in the children of women treated with carbamazepine during pregnancy [Jones & others] 320(25):1661*

Johnson, R.
Ethical use of human fetal tissue in medicine [Greely & others] 320(16):1093–sr; [Annas & Elias] 320(16):1079–sb

Johnson, R. B.
Neurobiology of depression [Johnson & others] 320(13): 869–c

Johnson, R. T.
Immune activation in measles [Griffin & others] 320(25): 1667*

Johnson, R. W. G.
Human herpesvirus 6 infection in renal-transplant recipients [Morris & others] 320(23):1560–c

Johnson, S.
Experience with central venous catheters in patients with AIDS [Henry & others] 320(22):1496–c

Johnson, T. S.
Acute mountain sickness [Callen & others] 320(22):1492–c

Johnson, W. D., Jr.
Treatment and prophylaxis of *Isospora belli* infection in patients with the acquired immunodeficiency syndrome [Pape & others] 320(16):1044*

Joiner, C. H.
Randomized, controlled trial of very early prophylactic ligation of the ductus arteriosus in babies who weighed 1000 g or less at birth [Cassady & others] 320(23):1511*; [Stahlman] 320(23):1551–e

Jonas, S.
Book Review of *Public Health and Human Ecology.* (Last) [Jonas] 320(4):260–br

Jones, D. Y.
Body iron stores and the risk of cancer [Yip & others] 320(15):1012–c

Jones, H. R.
Book Review of *Neuromuscular Diseases: A practical approach to diagnosis and management.* (Swash & Schwartz) [Jones] 320(26):1758–br

Jones, K. L.
Pattern of malformations in the children of women treated with carbamazepine during pregnancy [Jones & others] 320(25):1661*

Jordan, D.
Human herpesvirus 6 infection in renal-transplant recipients [Morris & others] 320(23):1560–c

Jordan, M. C.
Progressive disease due to ganciclovir-resistant cytomegalovirus in immunocompromised patients [Erice & others] 320(5):289–mi; [Hirsch & Schooley] 320(5):313–e

Judson, F. N.
Book Review of *Color Atlas and Textbook of Diagnostic Microbiology.* 3rd ed. (Koneman & others) [Judson & Ehret] 320(10): 675–br

Julian, T. M.
Book Review of *Atlas of Obstetrical Ultrasound.* (Benson & others) [Julian] 320(5):323–br

Juni, J. E.
Computer-virus infection of a medical diagnostic computer [Juni & Ponto] 320(12):811–c

Juranek, D. D.
Large community outbreak of cryptosporidiosis due to contamination of a filtered public water supply [Hayes & others] 320(21):1372*; [Olson] 320(21):1413–e

Justice, A. C.
New prognostic staging system for the acquired immunodeficiency syndrome [Justice & others] 320(21):1388–sa

Juston, G., Jr.
Delayed death from ingestion of a toothpick [Bee & others] 320(10):673–c

K

Kageler, W. V.
Puncture of the trachea during catheterization of the subclavian vein [Breen & Kageler] 320(17):1148–c

Kaiser, K.
Randomized, double-blind six-month trial of prednisone in Duchenne's muscular dystrophy [Mendell & others] 320(24):1592*; [Brown] 320(24):1621–e

Kalivas, J.
Do physicians have an obligation to treat patients with AIDS? [Lennihan & others] 320(2):120–c

Kalow, W.
Race and therapeutic drug response [Kalow] 320(9):588–e

Kamakura, K.
Mosaic expression of dystrophin in symptomatic carriers of Duchenne's muscular dystrophy [Arahata & others] 320(3):138*
Kanarek, D. J.
MGH Case Records (Case 20-1989): A 33-year-old woman with exertional dyspnea and Raynaud's phenomenon [Kanarek & Mark] 320(20):1333–cpc
Kane, M. A.
Book Review of *Boyd's Introduction to the Study of Disease.* 10th ed. (Sheldon) [Kane] 320(15):1018–br
Kane, R. L.
Book Review of *Renewing the Promise: Medicare and its reform.* (Blumenthal & others) [Kane] 320(9):603–br
Kanki, P. J.
HIV-2 infection in the United States [Ayanian & others] 320(21):1422–c
Kanoti, G. A.
Practicing intubation of the newly dead [Stryker & others] 320(6):396–c
Kaplan, B. H.
Medical disaster management in the United States [Siegelson & Kaplan] 320(14):941–c
Kaplan, L. M.
MGH Case Records (Case 4-1989): Sudden onset of abdominal pain and hematemesis in a 56-year-old woman [Kaplan & Compton] 320(4):235–cpc
Kapoor, S.
Increased blood pressure during potassium depletion in normotensive men [Krishna & others] 320(18):1177*
Kapp, M. B.
Book Review of *Jury of My Peers: A surgeon's encounter with the malpractice crisis.* (Snider) [Kapp] 320(14):945–br
Karabacak, Z.
Chromosome analyses from urinary sediment: postnatal confirmation of a prenatally diagnosed trisomy 20 mosaicism [Miny & others] 320(12):809–c
Kardon, E.
Carbon monoxide toxicity in a man working outdoors with a gasoline-powered hydraulic machine [Huff & Kardon] 320(23):1564–c
Karellas, A.
Radiologic contributions to the investigation and prosecution of cases of fatal infant abuse [Kleinman & others] 320(8): 507–sa; [Krugman] 320(8):531–e
Karjalainen, J.
Comparison of childhood and adult Type I diabetes mellitus [Karjalainen & others] 320(14):881*
Karlsson, E. R. C.
Successful pregnancy in a previously infertile woman treated with SMS-201-995 for acromegaly [Landolt & others] 320(10):671–c
Karlsson-Parra, A.
HIV receptors (CD4 antigen) in normal human glomerular cells [Karlsson-Parra & others] 320(11):741–c
Karnes, J. L.
Pathogenesis of diabetic neuropathy [Winegrad & others] 320(1):57–c
Karson, T. H.
Stereo speaker silences automatic implantable cardioverter–defibrillator [Karson & others] 320(24):1628–c
Kassirer, J. P.
Our stubborn quest for diagnostic certainty: a cause of excessive testing [Kassirer] 320(22):1489–sb
Katz, B. J.
Hired help: a physician's experiences in a for-profit staff-model HMO [Hudson & others] 320(3):185–c
Katz, M. H.
Paging patterns: a nurse's view [Barton & others] 320(17): 1151–c
Katz, R. L.
Book Review of *Acupuncture: Textbook and atlas.* (Stux & Pomeranz) [Katz] 320(11):743–br
Katz, S. L.
Human immunodeficiency virus infection of newborns [Katz & Wilfert] 320(25):1687–e
Katz, S. M.
Microscopic nephrocalcinosis in cystic fibrosis [Couper & others] 320(5):318–c
Kaul, A.
Use of the polymerase chain reaction for early detection of the proviral sequences of human immunodeficiency virus in infants born to seropositive mothers [Rogers & others] 320(25):1649*; [Katz & Wilfert] 320(25):1687–e
Kayne, H.
Effects of maternal marijuana and cocaine use on fetal growth [Zuckerman & others] 320(12):762*
Keays, R.
N-acetylcysteine in the treatment of acetaminophen overdose [Westman & others] 320(21):1417–c
Kellermann, A. L.
Automatic external defibrillator for out-of-hospital cardiac arrest [Kellermann & others] 320(10):670–c
Handgun regulations, crime, assaults, and homicide: a tale of two cities [Blackman & others] 320(18):1214–c
Informed consent in interhospital patient transfer [Siegel & others] 320(4):258–c
Kelley, M. A.
Critical care medicine [Holbrook & Kelley] 320(2):126–c
Kelley, V. E.
Effect of dietary supplementation with n−3 polyunsaturated fatty acids on the synthesis of interleukin-1 and tumor necrosis factor by mononuclear cells [Endres & others] 320(5):265*
Kelly, F.
Effects of human granulocyte colony-stimulating factor in a patient with idiopathic neutropenia [Jakubowski & others] 320(1):38–mi
Kelly, K. J.
Dexamethasone therapy for bacterial meningitis [Skapek & others] 320(7):463–c
Kelly, K. V.
Screening for human immunodeficiency virus infections [Stoto & others] 320(7):461–c
Kelly, M. J.
Book Review of *Anxiety and Depressive Disorders in the Medical Patient.* (Derogatis & Wise) [Kelly] 320(16):1089–br
Kelsey, P. B.
MGH Case Records (Case 1-1989): A 50-year-old man with alcoholic cirrhosis and gastrointestinal hemorrhage [Kelsey & Fitzgibbon] 320(1):43–cpc
Kenigsberg, D.
Treatment of familial male precocious puberty with spironolactone and testolactone [Laue & others] 320(8): 496*
Kenney, J.
High monounsaturated fat diet for non-insulin-dependent diabetes mellitus [Truswell & others] 320(8):535–c
Kent, S.
Hypoferremia: adaptation to disease? [Kent & Weinberg] 320(10):672–c
Kernan, N. A.
Effects of recombinant human granulocyte colony-stimulating factor on neutropenia in patients with congenital agranulocytosis [Bonilla & others] 320(24):1574*
Kessler, A. R.
Federal spending for illness caused by the human immunodeficiency virus [Winkenwerder & others] 320(24):1598–sa; [Rogers] 320(24):1623–e
Kessler, D. A.
Regulation of investigational drugs [Kessler] 320(5):281–sa; [Oates & Wood] 320(5):311–e
Kessler, D. L.
Multicenter randomized, placebo-controlled trial of surfactant therapy for respiratory distress syndrome [Horbar & others] 320(15):959*

Ketner, M.
Randomized clinical trial evaluating tamoxifen in the treatment of patients with node-negative breast cancer who have estrogen-receptor–positive tumors [Fisher & others] 320(8):479*; [Relman] 320(8):525–e; [McGuire] 320(8): 525–e; [DeVita] 320(8):527–e
Kevy, S.
Exposure to di(2-ethylhexyl) phthalate in infants receiving extracorporeal membrane oxygenation [Shneider & others] 320(23):1563–c
Khagani, A.
Lack of effect of lung denervation on the measurement of potential difference after single-lung transplantation [Alton & others] 320(26):1755–c
Khoo, J. C.
Beyond cholesterol: modifications of low-density lipoprotein that increase its atherogenicity [Steinberg & others] 320(14):915–mi
Kihara, S.
Autoimmune hyperchylomicronemia [Kihara & others] 320(19):1255–mi; [Brunzell & Austin] 320(19): 1273–e
Kimberling, W. J.
Polycystic kidney disease [Cheng & others] 320(11):737–c
Kindig, D. A.
Changes in the location of death after passage of Medicare's prospective payment system: a national study [Sager & others] 320(7):433–sa
King, S. J.
Acute mountain sickness [Callen & others] 320(22):1492–c
King, T. V.
Book Review of *Hand.* 3rd ed. (Milford) [King] 320(8): 542–br
King, W.
Randomized, double-blind six-month trial of prednisone in Duchenne's muscular dystrophy [Mendell & others] 320(24):1592*; [Brown] 320(24):1621–e
Kingdon, H. S.
Use of recombinant antihemophilic factor in the treatment of two patients with classic hemophilia [White & others] 320(3):166–mi
Kiprov, D.
Relation of serum antilymphocyte antibodies to the development of AIDS in HIV-seropositive men [Anderson & others] 320(26):1754–c
Kirby, M.
Maintenance of alveolitis in patients with chronic beryllium disease by beryllium-specific helper T cells [Saltini & others] 320(17):1103*
Kirk, K. A.
Renal insufficiency in treated essential hypertension [Rostand & others] 320(11):684*; [Klahr] 320(11):731–e
Kirkendall, W. M.
Book Review of *Cardiovascular Disease in the Elderly.* 2nd ed. (Messerli) [Kirkendall] 320(7):470–br
Kirklin, J. K.
Randomized, controlled trial of very early prophylactic ligation of the ductus arteriosus in babies who weighed 1000 g or less at birth [Cassady & others] 320(23):1511*; [Stahlman] 320(23):1551–e
Kirklin, J. W.
Randomized, controlled trial of very early prophylactic ligation of the ductus arteriosus in babies who weighed 1000 g or less at birth [Cassady & others] 320(23):1511*; [Stahlman] 320(23):1551–e
Kirkman, R. L.
Book Review of *Kidney Transplantation: Principles and practice.* 3rd ed. (Morris) [Kirkman] 320(18):1223–br
Book Review of *Kidney Transplantation.* (Toledo-Pereyra) [Kirkman] 320(18):1223–br
Book Review of *Principles of Organ Transplantation.* (Flye) [Kirkman] 320(18):1223–br
Kirkpatrick, R. B.
Book Review of *Principles and Practice of Gastroenterology and Hepatology.* (Gitnick) [Kirkpatrick] 320(10):675–br
Klahr, S.
Kidney in hypertension — villain and victim [Klahr] 320(11):731–e
Modification of diet in renal disease study [Klahr] 320(13): 864–sb
Klareskog, L.
HIV receptors (CD4 antigen) in normal human glomerular cells [Karlsson-Parra & others] 320(11):741–c
Klawans, H. L.
Multicenter study of autologous adrenal medullary transplantation to the corpus striatum in patients with advanced Parkinson's disease [Goetz & others] 320(6):337*
Klein, A. L.
Polycystic kidney disease [Cheng & others] 320(11):737–c
Klein, B. S.
Reduction of nosocomial infection during pediatric intensive care by protective isolation [Klein & others] 320(26):1714*
Klein, G. J.
Book Review of *Comprehensive Electrocardiology: Theory and practice in health and disease.* (Macfarlane & Lawrie) [Klein] 320(22):1502–br
Longitudinal electrophysiologic assessment of asymptomatic patients with the Wolff–Parkinson–White electrocardiographic pattern [Klein & others] 320(19):1229*
Klein, R. S.
Prospective study of the risk of tuberculosis among intravenous drug users with human immunodeficiency virus infection [Selwyn & others] 320(9):545*
Klein, W.
Plasma levels of atrial natriuretic peptide in transient left ventricular ischemia [Gasser & others] 320(26):1752–c
Kleinman, P. K.
Radiologic contributions to the investigation and prosecution of cases of fatal infant abuse [Kleinman & others] 320(8): 507–sa; [Krugman] 320(8):531–e
Klempner, M. S.
Effect of dietary supplementation with n−3 polyunsaturated fatty acids on the synthesis of interleukin-1 and tumor necrosis factor by mononuclear cells [Endres & others] 320(5):265*
Klerman, G. L.
Treatment of alcoholism [Klerman] 320(6):394–e
Klinnert, M. D.
Asthma and serum levels of IgE [Platts-Mills & others] 320(25):1696–c
Klintmalm, G. B. G.
Efficacy of liver transplantation in patients with primary biliary cirrhosis [Markus & others] 320(26):1709*
Kloos, H.
Health and medical care in Ethiopia [Halbrooks & others] 320(17):1149–c
Knapp, G. L.
N-acetylcysteine in the treatment of acetaminophen overdose [Westman & others] 320(21):1417–c
Knapp, H. R.
Antihypertensive effects of fish oil: a controlled study of polyunsaturated fatty acid supplements in essential hypertension [Knapp & FitzGerald] 320(16):1037*
Knapp, R. M.
Education in ambulatory care — financing is one piece of the puzzle [Bentley & others] 320(23):1531–sa; [Federman] 320(23):1556–e
Knatterud, G.
Conflict-of-interest guidelines for a multicenter clinical trial of treatment after coronary-artery bypass-graft surgery [Healy & others] 320(14):949–sr; [Relman] 320(14): 933–e
Knaus, W. A.
Outcomes management: a technology of patient experience [Knaus & Bracher] 320(9):600–c
Knekt, P.
Body iron stores and the risk of cancer [Yip & others] 320(15):1012–c

Knip, M.
Comparison of childhood and adult Type I diabetes mellitus [Karjalainen & others] 320(14):881*
Knowler, W. C.
Publication of closely related reports [Saad & others] 320(18):1221–c; [Angell & Relman] 320(18):1212–e
Knowlton, A. A.
Acute rhabdomyolysis associated with cocaine intoxication [Kothur & others] 320(10):667–c
Kobrinsky, N. L.
Serious reaction to desmopressin in a child with cyanotic heart disease [Israels & Kobrinsky] 320(23):1563–c
Kobylak, L. J.
Do physicians have an obligation to treat patients with AIDS? [Lennihan & others] 320(2):120–c
Koch-Weser, J.
Converting-enzyme inhibitors in the treatment of hypertension [Hume & others] 320(26):1750–c
Kodate, C.
Glycogen storage disease associated with Niemann–Pick disease [Narita & others] 320(12):810–c
Koeffler, H. P.
Role of the vitamin D endocrine system in health and disease [Reichel & others] 320(15):980–mp
Koenigsberger, M. R.
Book Review of *Neurocutaneous Diseases: A practical approach.* (Gomez) [Lambert & Koenigsberger] 320(2):128–br
Koepsell, T.
Handgun regulations, crime, assaults, and homicide: a tale of two cities [Blackman & others] 320(18):1214–c
Koff, R. S.
Enterically transmitted non-A, non-B hepatitis: importation from Mexico to Massachusetts [Fortier & others] 320(19): 1281–c
Koffler, M.
Disinfecting barbers' instruments [Koffler & Yust] 320(6): 402–c
Koga, Y.
Mitochondrial DNA deletions in progressive external ophthalmoplegia and Kearns–Sayre syndrome [Moraes & others] 320(20):1293*; [Harding] 320(20):1341–e
Kohler, P. C.
Tumor-infiltrating lymphocytes and interleukin-2 in melanomas [Sondel & others] 320(21):1418–c
Kölle, D.
Urinary incontinence among elderly persons [Anderl & others] 320(21):1421–c
Koller, W. C.
Multicenter study of autologous adrenal medullary transplantation to the corpus striatum in patients with advanced Parkinson's disease [Goetz & others] 320(6):337*
Komorowski, R. A.
Treatment of diversion colitis with short-chain–fatty acid irrigation [Harig & others] 320(1):23*
Kon, D. V.
Delayed death from ingestion of a toothpick [Bee & others] 320(10):673–c
Koopman, W. J.
Valvular heart disease in systemic lupus erythematosus [Crozier & others] 320(11):739–c
Koshakji, R. P.
Racial differences in drug response: altered sensitivity to and clearance of propranolol in men of Chinese descent as compared with American whites [Zhou & others] 320(9):565*; [Kalow] 320(9):588–e
Koshy, M.
Prophylactic transfusions in pregnant patients with sickle cell disease [Morrison & others] 320(19):1286–c
Kostuk, W.
Comparison of oral milrinone, digoxin, and their combination in the treatment of patients with chronic heart failure [DiBianco & others] 320(11):677*; [Cohn] 320(11):729–e
Kotagal, U.
Multicenter randomized, placebo-controlled trial of surfactant therapy for respiratory distress syndrome [Horbar & others] 320(15):959*
Kothur, R.
Acute rhabdomyolysis associated with cocaine intoxication [Kothur & others] 320(10):667–c
Kozart, D. M.
Ultraviolet radiation and formation of cataracts [Kozart & others] 320(19):1285–c
Krakauer, H.
Initiative to evaluate and improve medical practice [Tayloe & others] 320(16):1084–c
Kramer, S. I.
Book Review of *Doctors' Marriages: A look at the problems and their solutions.* (Myers) [Kramer] 320(14):943–br
Book Review of *M.D.: Doctors talk about themselves.* (Pekkanen) [Kramer] 320(14):943–br
Krane, R. J.
Impaired neurogenic and endothelium-mediated relaxation of penile smooth muscle from diabetic men with impotence [Saenz de Tejada & others] 320(16):1025*
Krasinski, K.
Use of the polymerase chain reaction for early detection of the proviral sequences of human immunodeficiency virus in infants born to seropositive mothers [Rogers & others] 320(25):1649*; [Katz & Wilfert] 320(25):1687–e
Kreis, H.
Systemic reaction to the anti–T-cell monoclonal antibody OKT3 in relation to serum levels of tumor necrosis factor and interferon-α [Chatenoud & others] 320(21):1420–c
Krekt, J.
Detection of deep-vein thrombosis by real-time B-mode ultrasonography [Lensing & others] 320(6):342*
Kriegman, A. G.
Medical advice by celebrities [Dixon & Kriegman] 320(11): 742–c
Krikker, M. A.
Body iron stores and the risk of cancer [Yip & others] 320(15):1012–c
Krishna, G. G.
Increased blood pressure during potassium depletion in normotensive men [Krishna & others] 320(18):1177*
Krogstad, D. J.
Chemoprophylaxis and treatment of malaria [Williams & others] 320(23):1561–c
Kroin, J. S.
Intrathecal baclofen for severe spinal spasticity [Penn & others] 320(23):1517*; [Young] 320(23):1553–e
Kronick, R.
Consumer-choice health plan for the 1990s: universal health insurance in a system designed to promote quality and economy (in two parts) [Enthoven & Kronick] 320(1): 29–sa; 320(2):94–sa; [Relman] 320(2):117–e; [Relman] 320(5):314–e; [Disler & others] 320(24):1629–c
Kronmal, R. A.
Smoking cessation in older patients with coronary artery disease [Hare & others] 320(17):1149–c
Kroon, F. P.
Chlamydia trachomatis pneumonia in an HIV-seropositive patient [Kroon & others] 320(12):806–c
Krueger, L. J.
Microscopic nephrocalcinosis in cystic fibrosis [Couper & others] 320(5):318–c
Krugman, R. D.
Advances and retreats in the protection of children [Krugman] 320(8):531–e
Krulder, J. W. M.
Direct visualization of mycobacteria in blood culture [Moffie & others] 320(1):61–c
Kubo, M.
Autoimmune hyperchylomicronemia [Kihara & others] 320(19):1255–mi; [Brunzell & Austin] 320(19):1273–e
Kudo, H.
Glycogen storage disease associated with Niemann–Pick disease [Narita & others] 320(12):810–c

Kukin, M.
Holiday heart Type II [Kukin & others] 320(6):402–c
Kulbaski, M. J.
Oral iron and the Hemoccult test: a controversy on the teaching wards [Kulbaski & others] 320(22):1500–c
Kulig, K. W.
N-acetylcysteine in the treatment of acetaminophen overdose [Westman & others] 320(21):1417–c
Kuller, L. H.
Initiative to evaluate and improve medical practice [Tayloe & others] 320(16):1084–c
Kumar, V.
Screening for celiac disease [Beutner & others] 320(16): 1087–c
Kuritzkes, D. R.
Pressure to keep prices high at a walk-in clinic [Yunker & others] 320(3):183–c
Kutzko, D.
Screening for human immunodeficiency virus infections [Stoto & others] 320(7):461–c
Kuziak, J. D.
Handgun regulations, crime, assaults, and homicide: a tale of two cities [Blackman & others] 320(18):1214–c
Kwok, R. Y. Y.
Nosocomial acquisition of *Clostridium difficile* infection [McFarland & others] 320(4):204*
Kwok, S.
Human immunodeficiency virus type 1 infection in homosexual men who remain seronegative for prolonged periods [Imagawa & others] 320(22):1458*; [Haseltine] 320(22): 1487–c

L

Labelle, R. J.
Controlling health expenditures — the Canadian reality [Evans & others] 320(9):571–sa; [Relman] 320(9):590–e
Labib, R. S.
Pathogenic effect of IgG4 autoantibodies in endemic pemphigus foliaceus (fogo selvagem) [Rock & others] 320(22): 1463*
Lacro, R. V.
Pattern of malformations in the children of women treated with carbamazepine during pregnancy [Jones & others] 320(25):1661*
Lagrue, G.
IgA antigliadin antibodies as a possible marker for IgA mesangial glomerulonephritis in adults with primary glomerulonephritis [Rostoker & others] 320(19):1283–c
Lahesmaa-Rantala, R.
Yersinia antigens in synovial-fluid cells from patients with reactive arthritis [Granfors & others] 320(4):216*; [Mills] 320(4):245–e
Laitman, L.
Ciprofloxacin-induced vasculitis [Choe & others] 320(4): 257–c
Lambert, P.-H.
Tumor necrosis factor and disease severity in children with falciparum malaria [Grau & others] 320(24):1586*
Lambert, W. C.
Book Review of *Neurocutaneous Diseases: A practical approach.* (Gomez) [Lambert & Koenigsberger] 320(2):128–br
Lamers, C. B. H. W.
Effect of omeprazole and ranitidine on ulcer healing and relapse rates in patients with benign gastric ulcer [Walan & others] 320(2):69*
LaMont, J. T.
Ursodeoxycholic acid and gallstones during weight loss [Seaton & others] 320(20):1351–c
Lancaster, D. J.
Cephawhatchamacallums [Ellis & Lancaster] 320(13):872–c
Landolt, A. M.
Successful pregnancy in a previously infertile woman treated with SMS-201-995 for acromegaly [Landolt & others] 320(10):671–c
Landry, M. L.
False positive HIV antibody reaction due to transfusion-induced HLA-DR4 sensitization [Yu & others] 320(22): 1495–c
Lanese, R. R.
Abrasive shirts may contribute to herpes gladiatorum among wrestlers [Strauss & others] 320(9):598–c
Lang, P.
IgA antigliadin antibodies as a possible marker for IgA mesangial glomerulonephritis in adults with primary glomerulonephritis [Rostoker & others] 320(19):1283–c
Lang, W.
Relation of serum antilymphocyte antibodies to the development of AIDS in HIV-seropositive men [Anderson & others] 320(26):1754–c
Langman, C. B.
Hypoparathyroidism and the DiGeorge syndrome [Greenberg & others] 320(17):1146–c
Laraque, D.
Severe anogenital warts in a child with HIV infection [Laraque] 320(18):1220–c
Larkin, E. C.
Alcohol-induced injury to the liver [Rao & others] 320(20): 1353–c
Laron, Z.
Child with phenotypic Laron dwarfism and normal somatomedin levels [Laron & others] 320(25):1698–c
Lastavica, C. C.
Lyme disease [Hamlet & others] 320(24):1626–c
Rapid emergence of a focal epidemic of Lyme disease in coastal Massachusetts [Lastavica & others] 320(3):133*; [Hamlet & others] 320(24):1626–c
Latash, M.
Intrathecal baclofen for severe spinal spasticity [Penn & others] 320(23):1517*; [Young] 320(23):1553–e
Latina, M.
Inadequacy of current labeling of nonophthalmic drops [Ling & others] 320(1):62–c
Laue, L.
Treatment of familial male precocious puberty with spironolactone and testolactone [Laue & others] 320(8): 496*
Laurent, J.
IgA antigliadin antibodies as a possible marker for IgA mesangial glomerulonephritis in adults with primary glomerulonephritis [Rostoker & others] 320(19):1283–c
Lauri, A.
Topical administration of 5-aminosalicylic acid: a therapeutic proposal for the treatment of pouchitis [Miglioli & others] 320(4):257–c
Laurian, Y.
HIV infection in sexual partners of HIV-seropositive patients with hemophilia [Laurian & others] 320(3):183–c
Laurino, E.
Pathophysiology of urinary incontinence among institutionalized elderly persons [Resnick & others] 320(1):1*; [Anderl & others] 320(21):1421–c
Urinary incontinence among elderly persons [Anderl & others] 320(21):1421–c
Lavie, C. J.
Polycystic kidney disease [Cheng & others] 320(11): 737–c
Lavine, L. S.
Book Review of *Rehabilitation Medicine.* (Goodgold) [Lavine] 320(19):1289–br
Lebel, M. H.
Dexamethasone therapy for bacterial meningitis [Skapek & others] 320(7):463–c
Lecocq, J.-P.
Persistent antibody response to the HIV-1-negative regulatory factor in HIV-1-infected seronegative persons [Ameisen & others] 320(4):251–c

Ledbetter, D. H.
Safety and efficacy of chorionic villus sampling for early prenatal diagnosis of cytogenetic abnormalities [Rhoads & others] 320(10):609*; [Mennuti] 320(10):661–e
le Deist, F.
Prospective study of infants born to women seropositive for human immunodeficiency virus type 1 [Blanche & others] 320(25):1643*; [Katz & Wilfert] 320(25):1687–e
Lederman, R. J.
Performing arts medicine [Lederman] 320(4):246–e
Ledley, F. D.
Book Review of *Medical Genetics: Principles and practice.* 3rd ed. (Nora & Fraser) [Ledley] 320(21):1432–br
Lee, H.
Transmission of retroviruses by transfusion of screened blood in patients undergoing cardiac surgery [Cohen & others] 320(18):1172*
Lee, M. H.
Human immunodeficiency virus type 1 infection in homosexual men who remain seronegative for prolonged periods [Imagawa & others] 320(22):1458*; [Haseltine] 320(22):1487–e
Lee, R. G.
Common inheritance of susceptibility to colonic adenomatous polyps and associated colorectal cancers [Moolgavkar & others] 320(5):316–c
Legault-Poisson, S.
Randomized clinical trial evaluating sequential methotrexate and fluorouracil in the treatment of patients with node-negative breast cancer who have estrogen-receptor–negative tumors [Fisher & others] 320(8):473*; [Relman] 320(8):525–e; [McGuire] 320(8):525–e; [DeVita] 320(8):527–e
Legendre, C.
Systemic reaction to the anti–T-cell monoclonal antibody OKT3 in relation to serum levels of tumor necrosis factor and interferon-α [Chatenoud & others] 320(21):1420–c
Leibovici, L.
Seronegative Lyme disease [Relman & others] 320(19):1279–c
Leizman, D. J.
Abrasive shirts may contribute to herpes gladiatorum among wrestlers [Strauss & others] 320(9):598–c
Lell, W. A.
Randomized, controlled trial of very early prophylactic ligation of the ductus arteriosus in babies who weighed 1000 g or less at birth [Cassady & others] 320(23):1511*; [Stahlman] 320(23):1551–e
Lemaire, M.
Nonsecretory α-chain disease with immunoproliferative small-intestinal disease [Matuchansky & others] 320(23):1534–mi
Lemann, J., Jr.
Thin-basement-membrane nephropathy [Dische & others] 320(26):1752–c
Lemetayer, P.
Closed-chest ablation of retrograde conduction in patients with atrioventricular nodal reentrant tachycardia [Haissaguerre & others] 320(7):426*; [Scheinman] 320(7):460–e
Lemieux, R. U.
Neuroaxonal dystrophy due to lysosomal α-*N*-acetylgalactosaminidase deficiency [Schindler & others] 320(26):1735–mi
Lennihan, R., Jr.
Do physicians have an obligation to treat patients with AIDS? [Lennihan & others] 320(2):120–c
Lensing, A. W. A.
Detection of deep-vein thrombosis by real-time B-mode ultrasonography [Lensing & others] 320(6):342*
Leporrier, M.
High-output cardiac failure in multiple myeloma [Leporrier & others] 320(21):1419–c
Lerman, S.
Ultraviolet radiation and formation of cataracts [Kozart & others] 320(19):1285–c
Lerner, A. M.
Book Review of *AIDS and AIDS Risk Patient Care.* (Jager) [Lerner] 320(3):190–br
Book Review of *Medical Management of AIDS.* (Sande & Volberding) [Lerner] 320(3):190–br
Lerner, B. A.
Physician and the dying patient [Scofield & others] 320(23):1557–c
Lerner, H.
Eight-year results of a randomized clinical trial comparing total mastectomy and lumpectomy with or without irradiation in the treatment of breast cancer [Fisher & others] 320(13):822*
Lerner, R.
Successful treatment of an acquired von Willebrand factor antibody by extracorporeal immunoadsorption [Uehlinger & others] 320(4):254–c
LeRoy, A. J.
Dissolution of cholesterol gallbladder stones by methyl *tert*-butyl ether administered by percutaneous transhepatic catheter [Thistle & others] 320(10):633*; [Salen & Tint] 320(10):665–e
Lesniak, M. A.
Specificity spillover at the hormone receptor — exploring its role in human disease [Fradkin & others] 320(10):640–md
Levenson, S. M.
Effects of maternal marijuana and cocaine use on fetal growth [Zuckerman & others] 320(12):762*
Levin, I. H.
Arsenic intoxication in a cocaine abuser [Lombard & others] 320(13):869–c
Levin, M. L.
More on therapy for hyperkalemia in renal insufficiency [Batlle & others] 320(22):1496–c
Levine, B. W.
MGH Case Records (Case 2-1989): A 59-year-old woman with asthma and multiple pulmonary nodules [Levine & Mark] 320(2):108–cpc
Levine, D. N.
MGH Case Records (Case 8-1989): A 46-year-old woman with progressive dementia [Levine & Richardson] 320(8):514–cpc
Levine, J. B.
Book Review of *Atlas of Clinical Nuclear Medicine.* (Fogelman & Maisey) [Levine & Burnett] 320(17):1153–br
Levison, H.
Microscopic nephrocalcinosis in cystic fibrosis [Couper & others] 320(5):318–c
Leviton, A.
Environmental exposure to lead and cognitive deficits in children [Sargent & others] 320(9):595–c
Lewis, V. A.
Prospective study of the risk of tuberculosis among intravenous drug users with human immunodeficiency virus infection [Selwyn & others] 320(9):545*
Lewis, W. D.
Book Review of *Transplantation of the Liver.* (Maddrey) [Jenkins & Lewis] 320(18):1224–br
Li, A. K. C.
Randomized trial of nonoperative treatment for perforated peptic ulcer [Crofts & others] 320(15):970*
Li, E.
Valvular heart disease in systemic lupus erythematosus [Crozier & others] 320(11):739–c
Li, X. L.
HIV-1, HIV-2, and HTLV-I infection in high-risk groups in Brazil [Cortes & others] 320(15):953*; [Quinn & others] 320(15):1005–e
Liberthson, R. R.
MGH Case Records (Case 22-1989): Sudden collapse of a 17-

year-old girl during exertion [Liberthson & Southern] 320(22):1475–cpc
Libertino, J.
Book Review of *Controversies and Innovations in Urological Surgery.* (Gingell & Abrams) [Libertino] 320(24):1632–br
Lickley, H. L.
Randomized clinical trial evaluating tamoxifen in the treatment of patients with node-negative breast cancer who have estrogen-receptor–positive tumors [Fisher & others] 320(8):479*; [Relman] 320(8):525–e; [McGuire] 320(8): 525–e; [DeVita] 320(8):527–e
Liddle, R. A.
Bulimia nervosa [Sigman & others] 320(11):735–c
Lieber, C. S.
Alcohol-induced injury to the liver [Rao & others] 320(20): 1353–c
Lilac, L.
Gunshot wounds to legs in drug runners [Sanchez & others] 320(16):1089–c
Ling, R. T. K.
Inadequacy of current labeling of nonophthalmic drops [Ling & others] 320(1):62–c
Linkner, L. M.
Salaried physicians and economic incentives [Imperato & others] 320(3):187–c
Linnan, M.
Epidemic listeriosis [Jasper & others] 320(8):538–c
Lipowski, Z. J.
Delirium in the elderly patient [Lipowski] 320(9):578–mi
Lipson, M. J.
Effects of PPS on the care of elderly patients with hip fracture [Cogen & others] 320(13):871–c
Lischner, H. W.
Intravenous infusion of zidovudine (AZT) in children with HIV infection [Lischner & others] 320(12):805–c
Lissovoy, G.
Book Review of *Perspectives on Quality in American Health Care.* (Hughes) [Lissovoy] 320(9):601–br
Lister, J.
Proposals for reform of the British National Health Service [Lister] 320(13):877–sr
Little, A. B.
Book Review of *Medical Counseling before Pregnancy.* (Hollingsworth & Resnik) [Little] 320(5):323–br
Little, D. N.
Book Review of *Essentials of Family Medicine.* (Sloane & others) [Little] 320(10):675–br
Little, G. A.
Multicenter randomized, placebo-controlled trial of surfactant therapy for respiratory distress syndrome [Horbar & others] 320(15):959*
Littler, E.
Human herpesvirus 6 infection in renal-transplant recipients [Morris & others] 320(23):1560–c
Lloyd, M. H.
Breathing patterns in recipients of heart–lung transplants [Systrom & others] 320(10):669–c
Lo, B.
Physician's responsibility toward hopelessly ill patients: a second look [Wanzer & others] 320(13):844–sa
Locatelli, F.
Randomized trial of methylprednisolone and chlorambucil in idiopathic membranous nephropathy [Ponticelli & others] 320(1):8*; [Glassock] 320(1):51–e
Loche, M.
Persistent antibody response to the HIV-1-negative regulatory factor in HIV-1-infected seronegative persons [Ameisen & others] 320(4):251–c
Loche, S.
Child with phenotypic Laron dwarfism and normal somatomedin levels [Pintor & others] 320(6):376–mi; [Laron & others] 320(25):1698–c
Lockhart, A.
Bronchial hyperresponsiveness to methacholine in patients with impaired left ventricular function [Cabanes & others] 320(20):1317*; [Fishman] 320(20):1346–e
Lockwood, A. H.
Medical problems of musicians [Lockwood] 320(4):221–sa; [Lederman] 320(4):246–e
Loewy, A.
Depression in the elderly [McDermott & others] 320(24): 1627–c
LoGerfo, J. P.
Handgun regulations, crime, assaults, and homicide: a tale of two cities [Blackman & others] 320(18):1214–c
Logsdon, G. S.
Large community outbreak of cryptosporidiosis due to contamination of a filtered public water supply [Hayes & others] 320(21):1372*; [Olson] 320(21):1413–e
Lomas, J.
Controlling health expenditures — the Canadian reality [Evans & others] 320(9):571–sa; [Relman] 320(9):590–e
Lombard, J.
Arsenic intoxication in a cocaine abuser [Lombard & others] 320(13):869–c
Lombes, A.
Mitochondrial DNA deletions in progressive external ophthalmoplegia and Kearns–Sayre syndrome [Moraes & others] 320(20):1293*; [Harding] 320(20):1341–e
Londo, R.
Screening for human immunodeficiency virus infections [Stoto & others] 320(7):461–c
Long, E. G.
Large community outbreak of cryptosporidiosis due to contamination of a filtered public water supply [Hayes & others] 320(21):1372*; [Olson] 320(21):1413–e
Lonnemann, G.
Effect of dietary supplementation with n−3 polyunsaturated fatty acids on the synthesis of interleukin-1 and tumor necrosis factor by mononuclear cells [Endres & others] 320(5):265*
Looney, D. J.
Actinomycotic tonsillitis with expectoration of sulfur granules [Drabick & Looney] 320(9):599–c
Lopez, R.
Atrial fibrillation induced by breath spray [Ridker & others] 320(2):124–c
Loriaux, D. L.
Treatment of familial male precocious puberty with spironolactone and testolactone [Laue & others] 320(8): 496*
Lortholary, O.
Diethylcarbamazine and human loiasis [Jaccard & others] 320(5):320–c
Loscalzo, J.
Tissue plasminogen activator [de Bono & others] 320(5): 317–c
Lossing, J. H.
Program to lower cesarean section rates [Golde & others] 320(25):1692–c
Lott, M. T.
Mitochondrial DNA mutation as a cause of Leber's hereditary optic neuropathy [Singh & others] 320(20):1300*; [Harding] 320(20):1341–e
Lotze, M. T.
High-output cardiac failure in multiple myeloma [Leporrier & others] 320(21):1419–c
Lowenstein, E.
Association of protamine IgE and IgG antibodies with life-threatening reactions to intravenous protamine [Weiss & others] 320(14):886*
Lowry, P. W.
Transmission of infectious agents by inadequately sterilized ENT instruments [Malt & others] 320(11):741–c
Lubs, H. A.
Safety and efficacy of chorionic villus sampling for early prenatal diagnosis of cytogenetic abnormalities [Rhoads & others] 320(10):609*; [Mennuti] 320(10):661–e

Lucey, J. F.
Multicenter randomized, placebo-controlled trial of surfactant therapy for respiratory distress syndrome [Horbar & others] 320(15):959*
Luchetti, L.
Risk factors for coronary artery disease in healthy persons with hyperinsulinemia and normal glucose tolerance [Zavaroni & others] 320(11):702*; [Foster] 320(11):733–e
Ludwig Breast Cancer Study Group
Prolonged disease-free survival after one course of perioperative adjuvant chemotherapy for node-negative breast cancer [Ludwig Breast Cancer Study Group] 320(8):491*; [Relman] 320(8):525–e; [McGuire] 320(8):525–e; [DeVita] 320(8):527–e
Luft, B. J.
Seronegative Lyme disease [Relman & others] 320(19): 1279–c
Lui, C. Y.
Elevated levels of creatine kinase BB isoenzyme in three patients with adult osteopetrosis [Yoneyama & others] 320(19):1284–c
Lurie, N.
How do house officers spend their nights? A time study of internal medicine house staff on call [Lurie & others] 320(25):1673–sa; [Mellinkoff] 320(25):1689–e
Lynch, L.
Safety and efficacy of chorionic villus sampling for early prenatal diagnosis of cytogenetic abnormalities [Rhoads & others] 320(10):609*; [Mennuti] 320(10):661–e

M

Maadi, A. B.
IgA antigliadin antibodies as a possible marker for IgA mesangial glomerulonephritis in adults with primary glomerulonephritis [Rostoker & others] 320(19):1283–c
Mach, B.
Persistent antibody response to the HIV-1-negative regulatory factor in HIV-1-infected seronegative persons [Ameisen & others] 320(4):251–c
MacLachlan, V.
Controlled study of luteinizing hormone–releasing hormone agonist (buserelin) for the induction of folliculogenesis before in vitro fertilization [MacLachlan & others] 320(19): 1233*
Madias, N. E.
Assessing acid–base status in circulatory failure: differences between arterial and central venous blood [Adrogué & others] 320(20):1312*; [Bleich] 320(20):1345–e
Magnay, D.
Improving methods of screening for Down's syndrome [White & others] 320(6):401-
Magnus, K.
Hodgkin's disease and Epstein–Barr virus: altered antibody pattern before diagnosis [Mueller & others] 320(11):689*
Maguire, J. H.
HIV-2 infection in the United States [Ayanian & others] 320(21):1422–c
Mahoney, M. J.
Safety and efficacy of chorionic villus sampling for early prenatal diagnosis of cytogenetic abnormalities [Rhoads & others] 320(10):609*; [Mennuti] 320(10):661–e
Maier, M.
Fetal hemoglobin in sudden infant death syndrome [Cheron & others] 320(15):1011–c
Maki, D. G.
Case for wider use of testing for HIV infection [Rhame & Maki] 320(19):1248–sa
Dexamethasone therapy for bacterial meningitis [Skapek & others] 320(7):463–c
Reduction of nosocomial infection during pediatric intensive care by protective isolation [Klein & others] 320(26):1714*
Malcolm, R. D.
More on the costs of beta-lactam antibiotics [Malcolm & others] 320(8):538–c
Malenka, D. J.
Mortality and reoperation after open and transurethral resection of the prostate for benign prostatic hyperplasia [Roos & others] 320(17):1120–sa; [Greenfield] 320(17): 1142–e
Malinow, A. M.
Book Review of *Obstetric Anesthesia.* (Ramanathan) [Malinow] 320(5):324–br
Mallick, N. P.
Human herpesvirus 6 infection in renal-transplant recipients [Morris & others] 320(23):1560–c
Malone, J. I.
Randomized trial of intensive insulin therapy in newly diagnosed insulin-dependent diabetes mellitus [Shah & others] 320(9):550*
Malt, R. A.
Transmission of infectious agents by inadequately sterilized ENT instruments [Malt & others] 320(11):741–c
Mandel, S.
Randomized, double-blind six-month trial of prednisone in Duchenne's muscular dystrophy [Mendell & others] 320(24):1592*; [Brown] 320(24):1621–e
Mandell, G. L.
More on the costs of beta-lactam antibiotics [Malcolm & others] 320(8):538–c
Mandell, H.
Lack of antibodies to *Borrelia burgdorferi* in patients with amyotrophic lateral sclerosis [Mandell & others] 320(4): 255–c
Manian, F. A.
Exposure of health care workers to the blood of patients infected with the human immunodeficiency virus [Manian & others] 320(20):1350–c
Manieri, K. A.
More on the costs of beta-lactam antibiotics [Malcolm & others] 320(8):538–c
Mann, J.
Perinatal transmission of the human immunodeficiency virus type 1 to infants of seropositive women in Zaire [Ryder & others] 320(25):1637*; [Katz & Wilfert] 320(25):1687–e
Mann, S. G.
Abbreviations in the medical literature [Mann] 320(17): 1152–c
Manning, C. L.
Effect of prospective payment on Medicare expenditures [Russell & Manning] 320(7):439–sa
Mansour, E. G.
Efficacy of adjuvant chemotherapy in high-risk node-negative breast cancer: an intergroup study [Mansour & others] 320(8):485*; [Relman] 320(8):525–e; [McGuire] 320(8): 525–e; [DeVita] 320(8):527–e
Manuel, B. M.
Book Review of *Malpractice Suit: A survival guide for physicians and their families.* (Chedc & others) [Manuel] 320(25): 1702–br
Resource-based relative-value scale for physicians' reimbursement [Cook & others] 320(8):533–c
Marcus, R.
Exposure of health care workers to the blood of patients infected with the human immunodeficiency virus [Manian & others] 320(20):1350–c
Maren, T. H.
Acute mountain sickness [Callen & others] 320(22):1492–c
Margolese, R.
Eight-year results of a randomized clinical trial comparing total mastectomy and lumpectomy with or without irradiation in the treatment of breast cancer [Fisher & others] 320(13):822*
Randomized clinical trial evaluating sequential methotrexate and fluorouracil in the treatment of patients with node-negative breast cancer who have estrogen-receptor–negative tumors [Fisher & others] 320(8):473*; [Relman] 320(8):525–e; [McGuire] 320(8):525–e; [DeVita] 320(8): 527–e

Randomized clinical trial evaluating tamoxifen in the treatment of patients with node-negative breast cancer who have estrogen-receptor–positive tumors [Fisher & others] 320(8):479*; [Relman] 320(8):525–e; [McGuire] 320(8): 525–e; [DeVita] 320(8):527–e

Margolies, M. N.
MGH Case Records (Case 3-1989): A 23-year-old man with recurrent bouts of abdominal pain and vomiting [Margolies & Compton] 320(3):171–cpc

Mark, E. J.
Case 49-1988: *Histoplasma capsulatum* or *Blastomyces dermatitidis?* [Sugar & Mark] 320(25):1699–c
MGH Case Records (Case 2-1989): A 59-year-old woman with asthma and multiple pulmonary nodules [Levine & Mark] 320(2):108–cpc
MGH Case Records (Case 6-1989): A 57-year-old man with increasing dyspnea and a mediastinal mass [Nardell & Mark] 320(6):380–cpc, 320(9):607–x
MGH Case Records (Case 9-1989): A 32-year-old man with AIDS and a cavitary pulmonary lesion [Fanburg & Mark] 320(9):582–cpc
MGH Case Records (Case 17-1989): A 58-year-old man with cavitary lung disease [Epler & Mark] 320(17):1130–cpc
MGH Case Records (Case 20-1989): A 33-year-old woman with exertional dyspnea and Raynaud's phenomenon [Kanarek & Mark] 320(20):1333–cpc
MGH Case Records (Case 23-1989): A 25-year-old woman with a right pulmonary density 14 months after a right upper lobectomy for an atypical carcinoid tumor [Daly & Mark] 320(23):1540–cpc

Markman, M.
Concern for economic issues in health care as reflected in the medical literature [Markman] 320(3):188–c

Markowitz, L. E.
Patterns of transmission in measles outbreaks in the United States, 1985–1986 [Markowitz & others] 320(2):75*

Marks, A. R.
Identification of high-risk and low-risk subgroups of patients with mitral-valve prolapse [Marks & others] 320(16): 1031*; [Devereux] 320(16):1077–e

Marks, B. L.
Effect of nicotine on energy expenditure during light physical activity [Perkins & others] 320(14):898*; [Rigotti] 320(14):931–e

Marks, J. W.
Ursodeoxycholic acid and gallstones during weight loss [Seaton & others] 320(20):1351–c

Marks, S. C.
Radiologic contributions to the investigation and prosecution of cases of fatal infant abuse [Kleinman & others] 320(8): 507–sa; [Krugman] 320(8):531–e

Markus, B. H.
Efficacy of liver transplantation in patients with primary biliary cirrhosis [Markus & others] 320(26):1709*

Marlink, R. G.
HIV-2 infection in the United States [Ayanian & others] 320(21):1422–c

Martin, D. B.
Pathogenesis of diabetic neuropathy [Winegrad & others] 320(1):57–c

Martin, P.
Abbreviated breakthrough [Mizroch & Martin] 320(8): 539–c
Graft-versus-host disease as adoptive immunotherapy in patients with advanced hematologic neoplasms [Sullivan & others] 320(13):828*

Martin, P. J.
Effect of HLA compatibility on engraftment of bone marrow transplants in patients with leukemia or lymphoma [Anasetti & others] 320(4):197*

Martin, W. J.
DNA of human papillomavirus Type 16 in dysplastic and malignant lesions of the conjunctiva and cornea [McDonnell & others] 320(22):1442*

Martinez, F. D.
Association of asthma with serum IgE levels and skin-test reactivity to allergens [Burrows & others] 320(5):271*; [Platts-Mills & others] 320(25):1696–c
Asthma and serum levels of IgE [Platts-Mills & others] 320(25):1696–c

Martins, C. R.
Pathogenic effect of IgG4 autoantibodies in endemic pemphigus foliaceus (fogo selvagem) [Rock & others] 320(22): 1463*

Martins, R.
Amyloid A4 protein and its precursor in Down's syndrome and Alzheimer's disease [Rumble & others] 320(22):1446*; [Selkoe] 320(22):1484–e

Mascola, L.
Epidemic listeriosis [Jasper & others] 320(8):538–c

Maslinska, D.
Immunoreactivity of ceroid lipofuscin storage pigment in Batten disease with monoclonal antibodies to the amyloid beta-protein [Wisniewski & Maslinska] 320(4):256–c

Maslowski, A. H.
Effect of intravenous streptokinase as compared with that of tissue plasminogen activator on left ventricular function after first myocardial infarction [White & others] 320(13): 817*; [Rapaport] 320(13):861–e

Massé, J.
Changes in lipoproteins during weight loss [Massé & others] 320(10):668–c

Massonneau, M.
Fetal hemoglobin in sudden infant death syndrome [Cheron & others] 320(15):1011–c

Masters, C. L.
Amyloid A4 protein and its precursor in Down's syndrome and Alzheimer's disease [Rumble & others] 320(22):1446*; [Selkoe] 320(22):1484–e

Mata, J.
Health and medical care in Ethiopia [Halbrooks & others] 320(17):1149–c

Mathias, R.
Gamma globulin deficiency in newborns with congenital nephrotic syndrome [Mathias & others] 320(6):398–c, 320(18):1227–x

Matran, R.
Bronchial hyperresponsiveness to methacholine in patients with impaired left ventricular function [Cabanes & others] 320(20):1317*; [Fishman] 320(20):1346–e

Matsumoto, T.
Mosaic expression of dystrophin in symptomatic carriers of Duchenne's muscular dystrophy [Arahata & others] 320(3):138*

Matsuzawa, Y.
Autoimmune hyperchylomicronemia [Kihara & others] 320(19):1255–mi; [Brunzell & Austin] 320(19):1273–e

Matte, T. D.
Large community outbreak of cryptosporidiosis due to contamination of a filtered public water supply [Hayes & others] 320(21):1372*; [Olson] 320(21):1413–e

Matthews, D. R.
Increased insulin concentrations in nondiabetic offspring of diabetic parents [Ferner & others] 320(19):1282–c

Mattioli, C. A.
Effect of triglyceride levels on methyl and methylene envelope line widths in proton nuclear magnetic resonance spectroscopy of human plasma [Mims & others] 320(22): 1452*

Matuchansky, C.
Nonsecretory α-chain disease with immunoproliferative small-intestinal disease [Matuchansky & others] 320(23): 1534–mi

Matz, R.
Practicing intubation of the newly dead [Stryker & others] 320(6):396–c

Mauer, S. M.
Glomerular lesions and urinary albumin excretion in Type I

diabetes without overt proteinuria [Chavers & others] 320(15):966*

Mavrikakis, G.
Improvement of renal function with selective thromboxane antagonism in lupus nephritis [Pierucci & others] 320(7): 421*

May, G. R.
Dissolution of cholesterol gallbladder stones by methyl *tert*-butyl ether administered by percutaneous transhepatic catheter [Thistle & others] 320(10):633*; [Salen & Tint] 320(10):665–e

Mayaux, M.-J.
Prospective study of infants born to women seropositive for human immunodeficiency virus type 1 [Blanche & others] 320(25):1643*; [Katz & Wilfert] 320(25):1687–e

Mayer, M. G.
bcl-2 and other genomic alterations in the prognosis of large-cell lymphoma [Yunis & others] 320(16):1047*

Maygarden, S. J.
Book Review of *Biopsy Pathology and Cytology of the Cervix.* (Coleman & Evans) [Maygarden] 320(5):324–br
Book Review of *Biopsy Pathology of the Liver.* 2nd ed. (Patrick & McGee) [Maygarden] 320(5):324–br

Maynard, E. C.
HIV infection in pregnant women in Rhode Island, 1985 to 1988 [Maynard & Indacochea] 320(24):1626–c

Mayr, A. J.
DNA of human papillomavirus Type 16 in dysplastic and malignant lesions of the conjunctiva and cornea [McDonnell & others] 320(22):1442*

Mazzaferro, V.
Efficacy of liver transplantation in patients with primary biliary cirrhosis [Markus & others] 320(26):1709*

McArdle, C.
Book Review of *Diagnostic Sonography: Principles and clinical applications.* (Fleischer & James) [McArdle] 320(17): 1154–br

McAuliffe, T. L.
Multicenter randomized, placebo-controlled trial of surfactant therapy for respiratory distress syndrome [Horbar & others] 320(15):959*

McBride, W.
High-output cardiac failure in multiple myeloma [Leporrier & others] 320(21):1419–c

McCann, S. R.
Aplastic anemia after liver transplantation for non-A, non-B hepatitis [Forbes & others] 320(2):122–c

McConville, B. J.
Book Review of *Beginning Child Psychiatry.* (Adams & Fras) [McConville] 320(1):65–br

McCracken, G. H., Jr.
Dexamethasone therapy for bacterial meningitis [Skapek & others] 320(7):463–c

McCullough, J. E.
Dissolution of cholesterol gallbladder stones by methyl *tert*-butyl ether administered by percutaneous transhepatic catheter [Thistle & others] 320(10):633*; [Salen & Tint] 320(10):665–e

McDermott, D. B.
Depression in the elderly [McDermott & others] 320(24): 1627–c

McDonald, T. V.
Occlusive coronary-artery spasm as a cause of acute myocardial infarction after coronary-artery bypass grafting [Fischell & others] 320(6):400–c

McDonnell, J. M.
DNA of human papillomavirus Type 16 in dysplastic and malignant lesions of the conjunctiva and cornea [McDonnell & others] 320(22):1442*

McEachern, E.
Book Review of *Health of the Republic: Epidemics, medicine, and moralism as challenges to democracy.* (Beauchamp) [McEachern & Neuhauser] 320(25):1701–br
Book Review of *Homelessness, Health, and Human Needs.* (Institute of Medicine) [McEachern & Neuhauser] 320(25): 1701–br

McFarland, L. V.
Nosocomial acquisition of *Clostridium difficile* infection [McFarland & others] 320(4):204*

McGregor, M.
Technology and the allocation of resources [McGregor] 320(2):118–sb; [Disler & others] 320(24):1629–c

McGuire, W. L.
Adjuvant therapy of node-negative breast cancer [McGuire] 320(8):525–e
Prediction of relapse or survival in patients with node-negative breast cancer by DNA flow cytometry [Clark & others] 320(10):627*

McIntosh, C.
Calcium-antagonist receptors in the atrial tissue of patients with hypertrophic cardiomyopathy [Wagner & others] 320(12):755*; [Braunwald] 320(12):800–e

McKay, D. B.
Acid–base abnormalities in cardiopulmonary arrest: varying patterns in different locations in the hospital [Chazan & McKay] 320(9):597–c

McKay, J.
Reduced bone mass in daughters of women with osteoporosis [Seeman & others] 320(9):554*

McKelvey, R. S.
Do physicians have an obligation to treat patients with AIDS? [Lennihan & others] 320(2):120–c

McKinley, T. W.
Large community outbreak of cryptosporidiosis due to contamination of a filtered public water supply [Hayes & others] 320(21):1372*; [Olson] 320(21):1413–e

McKusick, V. A.
Mapping and sequencing the human genome [McKusick] 320(14):910–sa

McLellan, A. T.
Comparative effectiveness and costs of inpatient and outpatient detoxification of patients with mild-to-moderate alcohol withdrawal syndrome [Hayashida & others] 320(6): 358–sa; [Klerman] 320(6):394–e

McManamon, P. J.
Contrast material–induced renal failure in patients with diabetes mellitus, renal insufficiency, or both: a prospective controlled study [Parfrey & others] 320(3):143*; [Brezis & Epstein] 320(3):179–e

McMartin, K. E.
Treatment of ethylene glycol poisoning with intravenous 4-methylpyrazole [McMartin & Heath] 320(2):125–c

McMichael, A. J.
Environmental exposure to lead and cognitive deficits in children [Sargent & others] 320(9):595–c

McMillan, C. W.
Use of recombinant antihemophilic factor in the treatment of two patients with classic hemophilia [White & others] 320(3):166–mi

McNeil, J. G.
Direct measurement of human immunodeficiency virus seroconversions in a serially tested population of young adults in the United States Army, October 1985 to October 1987 [McNeil & others] 320(24):1581*

McPeek, B.
Book Review of *Risk and Outcome in Anesthesia.* (Brown) [Soloniuk & McPeek] 320(11):743–br

McPherson, K.
Mortality and reoperation after open and transurethral resection of the prostate for benign prostatic hyperplasia [Roos & others] 320(17):1120–sa; [Greenfield] 320(17):1142–e

Mehlman, M. J.
Practicing intubation of the newly dead [Stryker & others] 320(6):396–c

Mellinkoff, S. M.
Morality for the medical–industrial complex [Sulmasy & others] 320(16):1082–c
Residency years [Mellinkoff] 320(25):1689–e

Memoli, V.
Hormone-negative, chromogranin A–positive endocrine tumors [Sobol & others] 320(7):444–mi
Mendell, J. R.
Randomized, double-blind six-month trial of prednisone in Duchenne's muscular dystrophy [Mendell & others] 320(24):1592*; [Brown] 320(24):1621–e
Mennuti, M. T.
Prenatal diagnosis — advances bring new challenges [Mennuti] 320(10):661–e
Mercy, J. A.
Handgun regulations, crime, assaults, and homicide: a tale of two cities [Blackman & others] 320(18):1214–c
Merilahti-Palo, R.
Yersinia antigens in synovial-fluid cells from patients with reactive arthritis [Granfors & others] 320(4):216*; [Mills] 320(4):245–e
Merimee, T. J.
Low levels of high-affinity growth hormone–binding protein in African pygmies [Baumann & others] 320(26):1705*
Merritt, T. A.
Book Review of *Pediatric Medicine.* (Avery & First) [Stein & Merritt] 320(20):1358–br
Mertz, G. J.
Acyclovir-resistant herpes simplex virus infections in patients with the acquired immunodeficiency syndrome [Erlich & others] 320(5):293–mi; [Hirsch & Schooley] 320(5):313–e
Metroka, C.
Antibodies to HIV in saliva [Shoeman & others] 320(17): 1145–c
Mettetal, J. F.
Acute HIV infection after acupuncture treatments [Vittecoq & others] 320(4):250–c
Meyer, L.
Exposure of health care workers to the blood of patients infected with the human immunodeficiency virus [Manian & others] 320(20):1350–c
Meyers, A.
Environmental exposure to lead and cognitive deficits in children [Sargent & others] 320(9):595–c
Mezitis, N. H. E.
Needle-stick injury [Mezitis & others] 320(5):316–c
Michael, M., III
Book Review of *Clinical Diagnosis: A physiologic approach.* 5th ed. (Judge & others) [Michael] 320(21):1432–br
Mickelson, E.
Effect of HLA compatibility on engraftment of bone marrow transplants in patients with leukemia or lymphoma [Anasetti & others] 320(4):197*
Micozzi, M. S.
Body iron stores and the risk of cancer [Yip & others] 320(15):1012–c
Miglioli, M.
Topical administration of 5-aminosalicylic acid: a therapeutic proposal for the treatment of pouchitis [Miglioli & others] 320(4):257–c
Miller, C. H.
Successful treatment with foscarnet of an acyclovir-resistant mucocutaneous infection with herpes simplex virus in a patient with acquired immunodeficiency syndrome [Chatis & others] 320(5):297–mi; [Hirsch & Schooley] 320(5): 313–e
Miller, D. C.
Occlusive coronary-artery spasm as a cause of acute myocardial infarction after coronary-artery bypass grafting [Fischell & others] 320(6):400–c
Miller, E.
Increased blood pressure during potassium depletion in normotensive men [Krishna & others] 320(18):1177*
Miller, J. P.
Randomized, double-blind six-month trial of prednisone in Duchenne's muscular dystrophy [Mendell & others] 320(24):1592*; [Brown] 320(24):1621–e
Miller, R.
Immunodeficiency characterized by defective signal transduction in T lymphocytes [Chatila & others] 320(11):696*
Miller, R. N.
Direct measurement of human immunodeficiency virus seroconversions in a serially tested population of young adults in the United States Army, October 1985 to October 1987 [McNeil & others] 320(24):1581*
Millington, D. S.
Medium-chain acyl-CoA dehydrogenase deficiency [Millington & others] 320(18):1219–c
Mills, J.
Acyclovir-resistant herpes simplex virus infections in patients with the acquired immunodeficiency syndrome [Erlich & others] 320(5):293–mi; [Hirsch & Schooley] 320(5):313–e
Mills, J. A.
Do bacteria cause chronic polyarthritis? [Mills] 320(4):245–e
Milne, M.
Valvular heart disease in systemic lupus erythematosus [Crozier & others] 320(11):739–c
Milstein, S.
Provocation of bradycardia and hypotension by isoproterenol and upright posture in patients with unexplained syncope [Almquist & others] 320(6):346*; [Abboud] 320(6):390–e
Mims, M. P.
Effect of triglyceride levels on methyl and methylene envelope line widths in proton nuclear magnetic resonance spectroscopy of human plasma [Mims & others] 320(22):1452*
Minassian, P.
Effects of PPS on the care of elderly patients with hip fracture [Cogen & others] 320(13):871–c
Minnerath, S. R.
Pathogenesis of diabetic neuropathy [Winegrad & others] 320(1):57–c
Miny, P.
Chromosome analyses from urinary sediment: postnatal confirmation of a prenatally diagnosed trisomy 20 mosaicism [Miny & others] 320(12):809–c
Miranda, A. F.
Mitochondrial DNA deletions in progressive external ophthalmoplegia and Kearns–Sayre syndrome [Moraes & others] 320(20):1293*; [Harding] 320(20):1341–e
Misbach, G. A.
Aspirin, heparin, or both to treat unstable angina [Spodick & others] 320(15):1014–c
Mishell, D. R., Jr.
Contraception [Mishell] 320(12):777–mp
Mishkel, G. J.
Comparison of high-dose with low-dose subcutaneous heparin to prevent left ventricular mural thrombosis in patients with acute transmural anterior myocardial infarction [Turpie & others] 320(6):352*; [Fuster & Halperin] 320(6):392–e
Mitchell, J. L.
Female intravenous drug users and perinatal HIV transmission [Brown & others] 320(22):1493–c
Mizroch, S. G.
Abbreviated breakthrough [Mizroch & Martin] 320(8): 539–c
Moertel, C. G.
Physician's responsibility toward hopelessly ill patients: a second look [Wanzer & others] 320(13):844–sa
Moffie, B. G.
Direct visualization of mycobacteria in blood culture [Moffie & others] 320(1):61–c
Molyneux, M. E.
Tumor necrosis factor and disease severity in children with falciparum malaria [Grau & others] 320(24):1586*
Monnat, R. J., Jr.
Book Review of *Diagnostic Electron Microscopy: A text/atlas.* (Dickersin) [Monnat] 320(15):1019–br
Mont, L.
Effects of alcoholism on skeletal and cardiac muscle [Ur-

bano-Marquez & others] 320(7):409*; [Diamond] 320(7): 458–e

Montagnier, L.
Persistent antibody response to the HIV-1-negative regulatory factor in HIV-1-infected seronegative persons [Ameisen & others] 320(4):251–c

Montgomery, P.
Amyloid A4 protein and its precursor in Down's syndrome and Alzheimer's disease [Rumble & others] 320(22):1446*; [Selkoe] 320(22):1484–e

Moolgavkar, S. H.
Common inheritance of susceptibility to colonic adenomatous polyps and associated colorectal cancers [Moolgavkar & others] 320(5):316–c

Moore, F. D., Jr.
Book Review of *Essentials of General Surgery.* (Lawrence) [Moore & Rising] 320(6):403–br

Moore, J.
Use of the polymerase chain reaction for early detection of the proviral sequences of human immunodeficiency virus in infants born to seropositive mothers [Rogers & others] 320(25):1649*; [Katz & Wilfert] 320(25):1687–e

Moore, M. A. S.
Effects of human granulocyte colony-stimulating factor in a patient with idiopathic neutropenia [Jakubowski & others] 320(1):38–mi

Moore, T. L.
Seronegative Lyme disease [Relman & others] 320(19): 1279–c

Moore, T. S.
Book Review of *Radiology of AIDS.* (Federle & others) [Moore] 320(3):192–br
Book Review of *Radiology of the Esophagus.* (Levine) [Moore] 320(24):1632–br

Mooy, J. M. V.
Thin-basement-membrane nephropathy [Dische & others] 320(26):1752–c
Thin-basement-membrane nephropathy in adults with persistent hematuria [Tiebosch & others] 320(1):14*; [Glassock] 320(1):51–e; [Dische & others] 320(26): 1752–c

Mor, F.
Seronegative Lyme disease [Relman & others] 320(19): 1279–c

Moraes, C. T.
Mitochondrial DNA deletions in progressive external ophthalmoplegia and Kearns–Sayre syndrome [Moraes & others] 320(20):1293*; [Harding] 320(20):1341–e

Morales, F.
Human immunodeficiency virus type 1 infection in homosexual men who remain seronegative for prolonged periods [Imagawa & others] 320(22):1458*; [Haseltine] 320(22): 1487–e

Moran, J.
Comparison of oral milrinone, digoxin, and their combination in the treatment of patients with chronic heart failure [DiBianco & others] 320(11):677*; [Cohn] 320(11): 729–e

Morantz, R.
Multicenter study of autologous adrenal medullary transplantation to the corpus striatum in patients with advanced Parkinson's disease [Goetz & others] 320(6):337*

Moreau, F.
Autosomal dominant spondyloarthropathy [Gaucher & others] 320(14):940–c

Moreno, J. D.
Morality for the medical–industrial complex [Sulmasy & others] 320(16):1082–c

Morgan, M. A.
Selective delivery of an acardiac, acephalic twin [Robie & others] 320(8):512–mi

Morris, D. C.
Handgun regulations, crime, assaults, and homicide: a tale of two cities [Blackman & others] 320(18):1214–c

Morris, D. J.
Human herpesvirus 6 infection in renal-transplant recipients [Morris & others] 320(23):1560–c

Morris, K. G.
Contrast nephrotoxicity: a randomized controlled trial of a nonionic and an ionic radiographic contrast agent [Schwab & others] 320(3):149*; [Brezis & Epstein] 320(3):179–e

Morris, R.
Book Review of *Caring for the Disabled Elderly: Who will pay?* (Rivlin & Wiener) [Morris] 320(12):812–br

Morris, T. Q.
Book Review of *Hidden Illness in the White House.* (Crispell & Gomez) [Morris] 320(14):943–br

Morrisett, J. D.
Effect of triglyceride levels on methyl and methylene envelope line widths in proton nuclear magnetic resonance spectroscopy of human plasma [Mims & others] 320(22): 1452*

Morrison, F. S.
Prophylactic transfusions in pregnant patients with sickle cell disease [Morrison & others] 320(19):1286–c

Morrison, J. C.
Prophylactic transfusions in pregnant patients with sickle cell disease [Morrison & others] 320(19):1286–c

Morton, J.
Prevalence of anorexia nervosa [Ben-Tovim & Morton] 320(11):736–c

Moscato, M.-L. G.
Prospective study of infants born to women seropositive for human immunodeficiency virus type 1 [Blanche & others] 320(25):1643*; [Katz & Wilfert] 320(25):1687–e

Moscicki, R. A.
MGH Case Records (Case 11-1989): A 57-year-old woman with recurrent skin lesions, arthritis, and renal dysfunction [Moscicki & Colvin] 320(11):718–cpc

Moss, A. J.
Diltiazem and mortality and reinfarction after myocardial infarction [Durrleman & others] 320(2):123–c

Moss, H.
Intravenous infusion of zidovudine (AZT) in children with HIV infection [Lischner & others] 320(12):805–c

Mossman, B. T.
Asbestos-related diseases [Mossman & Gee] 320(26): 1721–mp

Mott, D. M.
Publication of closely related reports [Saad & others] 320(18):1221–c; [Angell & Relman] 320(18):1212–e

Moudgil, T.
HIV-1, HIV-2, and HTLV-I infection in high-risk groups in Brazil [Cortes & others] 320(15):953*; [Quinn & others] 320(15):1005–e

Mouton, Y.
Persistent antibody response to the HIV-1-negative regulatory factor in HIV-1-infected seronegative persons [Ameisen & others] 320(4):251–c

Movahed, L. A.
Detection of Epstein–Barr viral genomes in Reed–Sternberg cells of Hodgkin's disease [Weiss & others] 320(8):502*; [Jaffe] 320(8):529–e

Moxley, R. T.
Randomized, double-blind six-month trial of prednisone in Duchenne's muscular dystrophy [Mendell & others] 320(24):1592*; [Brown] 320(24):1621–e

Moyers, J. R.
Book Review of *Anesthesia and the Heart Patient.* (Estafanous) [Moyers] 320(22):1502–br

Mrazek, D. A.
Asthma and serum levels of IgE [Platts-Mills & others] 320(25):1696–c

Mueller, M. P.
Cooling of metered-dose inhalers decreases pressure output from canisters [Hampson & Mueller] 320(5):321–c

Mueller, N.
Hodgkin's disease and Epstein–Barr virus: altered antibody pattern before diagnosis [Mueller & others] 320(11):689*
Mufson, M.
Book Review of *Psychiatric House Calls.* (Talbott & Manevitz) [Mufson] 320(2):129–br
Mulenda, U.
Perinatal transmission of the human immunodeficiency virus type 1 to infants of seropositive women in Zaire [Ryder & others] 320(25):1637*; [Katz & Wilfert] 320(25):1687–e
Mulji, A. S.
Comparison of high-dose with low-dose subcutaneous heparin to prevent left ventricular mural thrombosis in patients with acute transmural anterior myocardial infarction [Turpie & others] 320(6):352*; [Fuster & Halperin] 320(6):392–e
Müller, E. E.
Child with phenotypic Laron dwarfism and normal somatomedin levels [Pintor & others] 320(6):376–mi; [Laron & others] 320(25):1698–c
Mullett, M. D.
Multicenter randomized, placebo-controlled trial of surfactant therapy for respiratory distress syndrome [Horbar & others] 320(15):959*
Mulligan, M. E.
Nosocomial acquisition of *Clostridium difficile* infection [McFarland & others] 320(4):204*
Multhaup, G.
Amyloid A4 protein and its precursor in Down's syndrome and Alzheimer's disease [Rumble & others] 320(22):1446*; [Selkoe] 320(22):1484–e
Muñoz, A.
Transmission of retroviruses by transfusion of screened blood in patients undergoing cardiac surgery [Cohen & others] 320(18):1172*
Muñoz, B.
Ultraviolet radiation and formation of cataracts [Kozart & others] 320(19):1285–c
Munoz, S. J.
Pathogenesis of sodium and water retention [Munoz & Schrier] 320(23):1561–c
Munsat, T. L.
Lack of antibodies to *Borrelia burgdorferi* in patients with amyotrophic lateral sclerosis [Mandell & others] 320(4):255–c
Murciano, D.
Randomized, controlled trial of theophylline in patients with severe chronic obstructive pulmonary disease [Murciano & others] 320(23):1521*; [Drazen & Gerard] 320(23):1555–e
Murphy, E. L.
Antibodies to *Strongyloides stercoralis* in healthy Jamaican carriers of HTLV-I [Neva & others] 320(4):252–c
HTLV-I infection and arthropod vectors [Murphy & others] 320(17):1146–c
Murphy, T. F.
Book Review of *Private Acts, Social Consequences: AIDS and the politics of public health.* (Bayer) [Murphy] 320(23):1565–br
Murray, F. E.
Ursodeoxycholic acid and gallstones during weight loss [Seaton & others] 320(20):1351–c
Murray, J. L.
Prenatal care and low birth weight among blacks and whites [Oechsli & others] 320(15):1010–c
Muscat, J.
Cancer-causing substances in food, drugs, and cosmetics [Schultz & others] 320(14):934–c
Mwandagalirwa, K.
Perinatal transmission of the human immunodeficiency virus type 1 to infants of seropositive women in Zaire [Ryder & others] 320(25):1637*; [Katz & Wilfert] 320(25):1687–e
Myerberg, D. Z.
Multicenter randomized, placebo-controlled trial of surfactant therapy for respiratory distress syndrome [Horbar & others] 320(15):959*
Myers, S. A.
Program to lower cesarean section rates [Golde & others] 320(25):1692–c

N

Nadelson, C. C.
Book Review of *Sex Therapy Manual.* (Gillan) [Nadelson] 320(2):129–br
Nahm, M. H.
"Hook effect": high concentrations of prostate-specific antigen giving artifactually low values on one-step immunoassay [Wolf & others] 320(26):1755–c
Naidich, T. P.
Book Review of *Magnetic Resonance Imaging in Diseases of the Nervous System: An introduction.* (Moseley) [Naidich] 320(26):1759–br
Nakase, H.
Mitochondrial DNA deletions in progressive external ophthalmoplegia and Kearns–Sayre syndrome [Moraes & others] 320(20):1293*; [Harding] 320(20):1341–e
Nardell, E. A.
MGH Case Records (Case 6-1989): A 57-year-old man with increasing dyspnea and a mediastinal mass [Nardell & Mark] 320(6):380–cpc, 320(9):607–x
Narita, T.
Glycogen storage disease associated with Niemann–Pick disease [Narita & others] 320(12):810–c
Nathwani, D.
Lyme disease [Hamlet & others] 320(24):1626–c
Navarro-Lopez, F.
Effects of alcoholism on skeletal and cardiac muscle [Urbano-Marquez & others] 320(7):409*; [Diamond] 320(7):458–e
Naylor, C. D.
Tissue plasminogen activator [de Bono & others] 320(5):317–c
Neaton, J. D.
Serum cholesterol levels and six-year mortality from stroke in 350,977 men screened for the multiple risk factor intervention trial [Iso & others] 320(14):904*
Needleman, H. L.
Environmental exposure to lead and cognitive deficits in children [Sargent & others] 320(9):595–c
Nehra, P. C.
Physician factor in cesarean birth rates [Goyert & others] 320(11):706–sa
Neiburger, E. J.
Threat to paleopathology and medical research [Neiburger] 320(9):600–c
Neil, H. A. W.
Increased insulin concentrations in nondiabetic offspring of diabetic parents [Ferner & others] 320(19):1282–c
Nelson, A. M.
Perinatal transmission of the human immunodeficiency virus type 1 to infants of seropositive women in Zaire [Ryder & others] 320(25):1637*; [Katz & Wilfert] 320(25):1687–e
Nelson, K.
Malformations due to presumed spontaneous mutations in newborn infants [Nelson & Holmes] 320(1):19*
Nelson, K. E.
Transmission of retroviruses by transfusion of screened blood in patients undergoing cardiac surgery [Cohen & others] 320(18):1172*
Nelson, K. R.
Heimlich maneuver for esophageal obstruction [Nelson] 320(15):1016–c
Nelson, P. E.
Dissolution of cholesterol gallbladder stones by methyl *tert*-butyl ether administered by percutaneous transhepatic catheter [Thistle & others] 320(10):633*; [Salen & Tint] 320(10):665–e
Nelson, R. G.
Publication of closely related reports [Saad & others]

320(18):1221–c; [Angell & Relman] 320(18):1212–e
Nepom, G. T.
Book Review of *Essential Immunogenetics*. (Williamson & Turner) [Nepom] 320(10):674–br
Nerenberg, M.
HTLV-I polymyositis in a patient also infected with the human immunodeficiency virus [Wiley & others] 320(15): 992–mi
Nero, A. V., Jr.
Indoor radon and lung cancer [Samet & Nero] 320(9):591–sb
Nesher, G.
Seronegative Lyme disease [Relman & others] 320(19): 1279–c
Ness, P. K.
Transmission of retroviruses by transfusion of screened blood in patients undergoing cardiac surgery [Cohen & others] 320(18):1172*
Neu, H. C.
Case 43-1988 [Neu & Bynum] 320(17):1148–c
Neuhauser, D.
Book Review of *Health of the Republic: Epidemics, medicine, and moralism as challenges to democracy*. (Beauchamp) [McEachern & Neuhauser] 320(25):1701–br
Book Review of *Homelessness, Health, and Human Needs*. (Institute of Medicine) [McEachern & Neuhauser] 320(25): 1701–br
Neva, F. A.
Antibodies to *Strongyloides stercoralis* in healthy Jamaican carriers of HTLV-I [Neva & others] 320(4):252–c
Newman, R. C.
Right renal trauma: a side effect of biliary lithotripsy [Williams & others] 320(11):739–c
New York City Collaborative Study of Maternal HIV Transmission and Montefiore Medical Center HIV Perinatal Transmission Study Group
Use of the polymerase chain reaction for early detection of the proviral sequences of human immunodeficiency virus in infants born to seropositive mothers [Rogers & others] 320(25):1649*; [Katz & Wilfert] 320(25):1687–e
Ng, S. K. C.
Alcohol consumption and withdrawal in new-onset seizures [Edelsberg & others] 320(9):596–c
N'Galy, B.
Human immunodeficiency virus infection among employees in an African hospital [Allebeck & others] 320(24): 1625–c
Nicholls, M. G.
Valvular heart disease in systemic lupus erythematosus [Crozier & others] 320(11):739–c
Niles, J. L.
MGH Case Records (Case 25-1989): A 56-year-old man with hemoptysis and microscopic hematuria [Coggins & others] 320(25):1677–cpc
Nishanian, P. G.
Human immunodeficiency virus type 1 infection in homosexual men who remain seronegative for prolonged periods [Imagawa & others] 320(22):1458*; [Haseltine] 320(22): 1487–e
Nisperos, B.
Effect of HLA compatibility on engraftment of bone marrow transplants in patients with leukemia or lymphoma [Anasetti & others] 320(4):197*
Nonaka, I.
Mitochondrial DNA deletions in progressive external ophthalmoplegia and Kearns–Sayre syndrome [Moraes & others] 320(20):1293*; [Harding] 320(20):1341–e
Mosaic expression of dystrophin in symptomatic carriers of Duchenne's muscular dystrophy [Arahata & others] 320(3):138*
Norman, A. W.
Role of the vitamin D endocrine system in health and disease [Reichel & others] 320(15):980–mp
Norris, R. M.
Effect of intravenous streptokinase as compared with that of tissue plasminogen activator on left ventricular function after first myocardial infarction [White & others] 320(13): 817*; [Rapaport] 320(13):861–e
Novelli, G.
Amplification of DNA from epithelial cells in urine [Gasparini & others] 320(12):809–c
Novic, J. P.
Animal care at Stanford [Novic & others] 320(5):322–c
Nozaki, S.
Autoimmune hyperchylomicronemia [Kihara & others] 320(19):1255–mi; [Brunzell & Austin] 320(19):1273–e
Nsa, W.
Perinatal transmission of the human immunodeficiency virus type 1 to infants of seropositive women in Zaire [Ryder & others] 320(25):1637*; [Katz & Wilfert] 320(25):1687–e
Nunes, D. P.
Aplastic anemia after liver transplantation for non-A, non-B hepatitis [Forbes & others] 320(2):122–c
Nussbaum, J. N.
Recurrent syphilitic uveitis [Richards & others] 320(1):62–c
Nutman, T. B.
Diethylcarbamazine and human loiasis [Jaccard & others] 320(5):320–c
Nyhan, D.
Association of protamine IgE and IgG antibodies with life-threatening reactions to intravenous protamine [Weiss & others] 320(14):886*
Nzilambi, N.
Perinatal transmission of the human immunodeficiency virus type 1 to infants of seropositive women in Zaire [Ryder & others] 320(25):1637*; [Katz & Wilfert] 320(25):1687–e

O

Oakes, D.
Diltiazem and mortality and reinfarction after myocardial infarction [Durrleman & others] 320(2):123–c
Oates, J. A.
Regulation of discovery and drug development [Oates & Wood] 320(5):311–e
O'Brien, C. P.
Comparative effectiveness and costs of inpatient and outpatient detoxification of patients with mild-to-moderate alcohol withdrawal syndrome [Hayashida & others] 320(6): 358–sa; [Klerman] 320(6):394–e
O'Brien, T. R.
Large community outbreak of cryptosporidiosis due to contamination of a filtered public water supply [Hayes & others] 320(21):1372*; [Olson] 320(21):1413–e
O'Donnell, T. F.
MGH Case Records (Case 16-1989): A 36-year-old man with peripheral vascular disease [O'Donnell & Horowitz] 320(16):1068–cpc
Odrezin, G. T.
Randomized, controlled trial of very early prophylactic ligation of the ductus arteriosus in babies who weighed 1000 g or less at birth [Cassady & others] 320(23):1511*; [Stahlman] 320(23):1551–e
Oechsli, F. W.
Prenatal care and low birth weight among blacks and whites [Oechsli & others] 320(15):1010–c
O'Grady, J. G.
Aplastic anemia after liver transplantation for non-A, non-B hepatitis [Forbes & others] 320(2):122–c
Oh, W.
Book Review of *Developmental Disabilities: Delivery of medical care for children and adults*. (Rubin & Crocker) [Oh] 320(12): 814–br
Ohara, N.
Prediction of the first variceal hemorrhage [Ohara & others] 320(13):868–c
Ohlsson, A.
Retinopathy of prematurity and bilirubin [Heyman & others] 320(4):256–c

Oken, M. M.
bcl-2 and other genomic alterations in the prognosis of large-cell lymphoma [Yunis & others] 320(16):1047*
Olanow, C. W.
Multicenter study of autologous adrenal medullary transplantation to the corpus striatum in patients with advanced Parkinson's disease [Goetz & others] 320(6):337*
Oldaker, T.
Prediction of relapse or survival in patients with node-negative breast cancer by DNA flow cytometry [Clark & others] 320(10):627*
O'Leary, D.
Ursodeoxycholic acid and gallstones during weight loss [Seaton & others] 320(20):1351–c
O'Leary, D. S.
Care of the VIP patient [O'Leary & others] 320(15):1016–c
O'Leary, M. R.
Care of the VIP patient [O'Leary & others] 320(15):1016–c
Oley, C. A.
Defect in mitochondrial electron-transport activity (NADH–coenzyme Q oxidoreductase) in Leber's hereditary optic neuropathy [Parker & others] 320(20):1331–mi; [Harding] 320(20):1341–e
Oliver, M. A.
Ideal of continuous improvement [Gild & others] 320(21): 1424–c
Ollerenshaw, S.
Absence of immunoreactive vasoactive intestinal polypeptide in tissue from the lungs of patients with asthma [Ollerenshaw & others] 320(19):1244*; [Said] 320(19): 1271–e
Olson, B. H.
Safety of our drinking water: reason for concern but not alarm [Olson] 320(21):1413–e
Omenn, G. S.
Smoking cessation in older patients with coronary artery disease [Hare & others] 320(17):1149–c
Onion, D. K.
Book Review of *Family Medicine: Principles and practice.* 3rd ed. (Taylor) [Onion & Schneid] 320(7):469–br
O'Quigley, J.
Effect of HLA compatibility on engraftment of bone marrow transplants in patients with leukemia or lymphoma [Anasetti & others] 320(4):197*
O'Rahilly, S.
Increased insulin concentrations in nondiabetic offspring of diabetic parents [Ferner & others] 320(19):1282–c
Ordi, J.
Valvular heart disease in systemic lupus erythematosus [Crozier & others] 320(11):739–c
O'Reilly, R. J.
Effects of recombinant human granulocyte colony-stimulating factor on neutropenia in patients with congenital agranulocytosis [Bonilla & others] 320(24):1574*
Orenstein, W. A.
Patterns of transmission in measles outbreaks in the United States, 1985–1986 [Markowitz & others] 320(2):75*
Orentreich, N.
Hodgkin's disease and Epstein–Barr virus: altered antibody pattern before diagnosis [Mueller & others] 320(11): 689*
Orlowski, J. P.
Practicing intubation of the newly dead [Stryker & others] 320(6):396–c
Ormiston, J. A.
Effect of intravenous streptokinase as compared with that of tissue plasminogen activator on left ventricular function after first myocardial infarction [White & others] 320(13): 817*; [Rapaport] 320(13):861–e
Oryshkevich, B. A.
Salaried physicians and economic incentives [Imperato & others] 320(3):187–c
Will we face a crisis in biomedical-research brainpower in the 21st century? [Bickel & others] 320(16):1086–c
Osborn, T. G.
Seronegative Lyme disease [Relman & others] 320(19): 1279–c
Osborne, C. K.
Efficacy of adjuvant chemotherapy in high-risk node-negative breast cancer: an intergroup study [Mansour & others] 320(8):485*; [Relman] 320(8):525–e; [McGuire] 320(8): 525–e; [DeVita] 320(8):527–e
O'Shea, F.
Controlled study of luteinizing hormone–releasing hormone agonist (buserelin) for the induction of folliculogenesis before in vitro fertilization [MacLachlan & others] 320(19): 1233*
Osler, D. C.
Salaried physicians and economic incentives [Imperato & others] 320(3):187–c
Osuch, J. R.
Need for quality assurance in mammography [Sienko & others] 320(14):941–c
Ottesen, E. A.
Diethylcarbamazine and human loiasis [Jaccard & others] 320(5):320–c
Ottolini, M. G.
Dexamethasone therapy for bacterial meningitis [Skapek & others] 320(7):463–c
Ou, C.-Y.
Use of the polymerase chain reaction for early detection of the proviral sequences of human immunodeficiency virus in infants born to seropositive mothers [Rogers & others] 320(25):1649*; [Katz & Wilfert] 320(25):1687–e
Owens, G. R.
Breathing patterns in recipients of heart–lung transplants [Systrom & others] 320(10):669–c
Owens, J. B.
Ophthalmic use of cocaine and the urine test for benzoylecgonine [Bralliar & others] 320(26):1757–c
Owens, M. A.
Prediction of relapse or survival in patients with node-negative breast cancer by DNA flow cytometry [Clark & others] 320(10):627*
Oxenkrug, G. F.
Book Review of *Depression and Mania.* (Georgotas & Cancro) [Oxenkrug] 320(2):129–br
Oyafuso, L.
HIV-1, HIV-2, and HTLV-I infection in high-risk groups in Brazil [Cortes & others] 320(15):953*; [Quinn & others] 320(15):1005–e

P

Pacifico, A. D.
Randomized, controlled trial of very early prophylactic ligation of the ductus arteriosus in babies who weighed 1000 g or less at birth [Cassady & others] 320(23):1511*; [Stahlman] 320(23):1551–e
Packer, M.
Combined beta-adrenergic and calcium-entry blockade in angina pectoris [Packer] 320(11):709–mi
Pagala, M.
Acute rhabdomyolysis associated with cocaine intoxication [Kothur & others] 320(10):667–c
Paganelli, G. M.
Topical administration of 5-aminosalicylic acid: a therapeutic proposal for the treatment of pouchitis [Miglioli & others] 320(4):257–c
Pagliara, M.
Risk factors for coronary artery disease in healthy persons with hyperinsulinemia and normal glucose tolerance [Zavaroni & others] 320(11):702*; [Foster] 320(11): 733–e
Palarski, J. D.
Oral iron and the Hemoccult test: a controversy on the teaching wards [Kulbaski & others] 320(22):1500–c

Palmer, J. R.
"Low yield" cigarettes and the risk of nonfatal myocardial infarction in women [Palmer & others] 320(24):1569*; [Benowitz] 320(24):1619–e
Pandya, S.
Randomized, double-blind six-month trial of prednisone in Duchenne's muscular dystrophy [Mendell & others] 320(24):1592*; [Brown] 320(24):1621–e
Pang, L.
Chemoprophylaxis and treatment of malaria [Williams & others] 320(23):1561–c
Pape, J. W.
Treatment and prophylaxis of *Isospora belli* infection in patients with the acquired immunodeficiency syndrome [Pape & others] 320(16):1044*
Pape, L. A.
Book Review of *Nonatherosclerotic Ischemic Heart Disease.* (Virmani & Forman) [Pape] 320(22):1501–br
Papiha, S. S.
Improving methods of screening for Down's syndrome [White & others] 320(6):401–c
Para, M. F.
Abrasive shirts may contribute to herpes gladiatorum among wrestlers [Strauss & others] 320(9):598–c
Parenti, C.
How do house officers spend their nights? A time study of internal medicine house staff on call [Lurie & others] 320(25):1673–sa; [Mellinkoff] 320(25):1689–e
Parfrey, P. S.
Contrast material–induced renal failure in patients with diabetes mellitus, renal insufficiency, or both: a prospective controlled study [Parfrey & others] 320(3):143*; [Brezis & Epstein] 320(3):179–e
Pariente, R.
Randomized, controlled trial of theophylline in patients with severe chronic obstructive pulmonary disease [Murciano & others] 320(23):1521*; [Drazen & Gerard] 320(23):1555–e
Park, K. G. M.
Randomized trial of nonoperative treatment for perforated peptic ulcer [Crofts & others] 320(15):970*
Parke, B.
Intrathecal baclofen for severe spinal spasticity [Penn & others] 320(23):1517*; [Young] 320(23):1553–e
Parker, S.
Effects of maternal marijuana and cocaine use on fetal growth [Zuckerman & others] 320(12):762*
Parker, W. D., Jr.
Defect in mitochondrial electron-transport activity (NADH–coenzyme Q oxidoreductase) in Leber's hereditary optic neuropathy [Parker & others] 320(20):1331–mi; [Harding] 320(20):1341–e
Parkinson, E.
Reduced bone mass in daughters of women with osteoporosis [Seeman & others] 320(9):554*
Parks, J. K.
Defect in mitochondrial electron-transport activity (NADH–coenzyme Q oxidoreductase) in Leber's hereditary optic neuropathy [Parker & others] 320(20):1331–mi; [Harding] 320(20):1341–e
Parmley, T. H.
Book Review of *Clinical Gynecologic Endocrinology and Infertility.* 4th ed. (Speroff & others) [Parmley] 320(13):874–br
Parrillo, J. E.
Promotion and subsequent inhibition of plasminogen activation after administration of intravenous endotoxin to normal subjects [Suffredini & others] 320(18):1165*; [Colman] 320(18):1207–e
Parsons, V.
Thin-basement-membrane nephropathy [Dische & others] 320(26):1752–c
Parthasarathy, S.
Beyond cholesterol: modifications of low-density lipoprotein that increase its atherogenicity [Steinberg & others] 320(14):915–mi
Pasquali, S.
Randomized trial of methylprednisolone and chlorambucil in idiopathic membranous nephropathy [Ponticelli & others] 320(1):8*; [Glassock] 320(1):51–e
Passeri, M.
Risk factors for coronary artery disease in healthy persons with hyperinsulinemia and normal glucose tolerance [Zavaroni & others] 320(11):702*; [Foster] 320(11): 733–e
Passerini, P.
Randomized trial of methylprednisolone and chlorambucil in idiopathic membranous nephropathy [Ponticelli & others] 320(1):8*; [Glassock] 320(1):51–e
Paterson, A. H. G.
Randomized clinical trial evaluating tamoxifen in the treatment of patients with node-negative breast cancer who have estrogen-receptor–positive tumors [Fisher & others] 320(8):479*; [Relman] 320(8):525–e; [McGuire] 320(8): 525–e; [DeVita] 320(8):527–e
Patrignani, P.
Improvement of renal function with selective thromboxane antagonism in lupus nephritis [Pierucci & others] 320(7): 421*
Patrono, C.
Improvement of renal function with selective thromboxane antagonism in lupus nephritis [Pierucci & others] 320(7): 421*
Paul, M. D.
Contrast material–induced renal failure in patients with diabetes mellitus, renal insufficiency, or both: a prospective controlled study [Parfrey & others] 320(3):143*; [Brezis & Epstein] 320(3):179–e
Payne, G. G., Jr.
Selective delivery of an acardiac, acephalic twin [Robie & others] 320(8):512–mi
Peabody, C. N.
Book Review of *Yankee Surgeon: The life and times of Usher Parsons, 1788–1868.* (Goldowsky) [Peabody] 320(14): 943–br
Pearl, D.
Kikuchi's disease as a cause of fever of unknown origin [Pearl & Strauchen] 320(17):1147–c
Pearson, R. D.
Needle-stick injury [Mezitis & others] 320(5):316–c
Pecci, G.
Improvement of renal function with selective thromboxane antagonism in lupus nephritis [Pierucci & others] 320(7): 421*
Peine, C. J.
Dissolution of cholesterol gallbladder stones by methyl *tert*-butyl ether administered by percutaneous transhepatic catheter [Thistle & others] 320(10):633*; [Salen & Tint] 320(10):665–e
Pekkola-Heino, K.
Yersinia antigens in synovial-fluid cells from patients with reactive arthritis [Granfors & others] 320(4):216*; [Mills] 320(4):245–e
Peltier, J. Y.
Fetal hemoglobin in sudden infant death syndrome [Cheron & others] 320(15):1011–c
Pendleton, J. W.
Elevated levels of creatine kinase BB isoenzyme in three patients with adult osteopetrosis [Yoneyama & others] 320(19):1284–c
Peng, Z.
Association of protamine IgE and IgG antibodies with life-threatening reactions to intravenous protamine [Weiss & others] 320(14):886*
Penn, R. D.
Intrathecal baclofen for severe spinal spasticity [Penn & others] 320(23):1517*; [Young] 320(23):1553–e
Multicenter study of autologous adrenal medullary transplantation to the corpus striatum in patients with advanced Parkinson's disease [Goetz & others] 320(6):337*

Percy, R. F.
In-hospital outcome in patients with coronary artery disease in whom myocardial infarction has been ruled out [Fesmire & others] 320(21):1423–c
Pere, P.
Autosomal dominant spondyloarthropathy [Gaucher & others] 320(14):940–c
Pergament, E.
Safety and efficacy of chorionic villus sampling for early prenatal diagnosis of cytogenetic abnormalities [Rhoads & others] 320(10):609*; [Mennuti] 320(10):661–e
Perkins, H. A.
More on transmission of HIV by blood transfusion [Perkins & others] 320(7):463–c
Perkins, K. A.
Effect of nicotine on energy expenditure during light physical activity [Perkins & others] 320(14):898*; [Rigotti] 320(14):931–e
Perkins, P. L.
Animal care at Stanford [Novic & others] 320(5):322–c
Perloff, W. H.
Reduction of nosocomial infection during pediatric intensive care by protective isolation [Klein & others] 320(26): 1714*
Permanyer-Miralda, G.
Valvular heart disease in systemic lupus erythematosus [Crozier & others] 320(11):739–c
Perna, J. L.
Acute mountain sickness [Callen & others] 320(22):1492–c
Pernick, N.
Outpatient versus inpatient cardiac catheterization [Roehm & others] 320(14):938–c
Perrin, J. M.
Variations in rates of hospitalization of children in three urban communities [Perrin & others] 320(18):1183–sa; [Wise & Eisenberg] 320(18):1209–e
Persson, A. V.
Book Review of *Limb Salvage and Amputation for Vascular Disease.* (Greenhalgh & others) [Persson] 320(18):1224–br
Pescovitz, O. H.
Treatment of familial male precocious puberty with spironolactone and testolactone [Laue & others] 320(8): 496*
Petermann, C.
Suggestion for cost containment [Petermann] 320(24): 1630–c
Petersdorf, R. G.
Education in ambulatory care — financing is one piece of the puzzle [Bentley & others] 320(23):1531–sa; [Federman] 320(23):1556–e
Petersen, B. T.
Dissolution of cholesterol gallbladder stones by methyl *tert*-butyl ether administered by percutaneous transhepatic catheter [Thistle & others] 320(10):633*; [Salen & Tint] 320(10):665–e
Peterson, L. M.
Book Review of *Morality: A new justification of the moral rules.* (Gert) [Peterson] 320(9):603–br
Petit-Phar, M.
IgA antigliadin antibodies as a possible marker for IgA mesangial glomerulonephritis in adults with primary glomerulonephritis [Rostoker & others] 320(19):1283–c
Pettitt, D. J.
Publication of closely related reports [Saad & others] 320(18):1221–c; [Angell & Relman] 320(18):1212–e
Peynet, J.
HIV infection in sexual partners of HIV-seropositive patients with hemophilia [Laurian & others] 320(3):183–c
Phelps, C. E.
Book Review of *Competition in the Health Care Sector: Ten years later.* (Greenberg) [Phelps] 320(19):1288–br
Book Review of *Cost, Quality, and Access in Health Care: New roles for health planning in a competitive environment.* (Sloan & others) [Phelps] 320(19):1288–br
Phenow, K. J.
Health effects of involuntary smoking [Seidman & others] 320(19):1287–c
Philip, A. G. S.
Multicenter randomized, placebo-controlled trial of surfactant therapy for respiratory distress syndrome [Horbar & others] 320(15):959*
Phillips, G. L.
Clonal hematopoiesis demonstrated by X-linked DNA polymorphisms after allogeneic bone marrow transplantation [Turhan & others] 320(25):1655*
Phillips, J. B., III
Randomized, controlled trial of very early prophylactic ligation of the ductus arteriosus in babies who weighed 1000 g or less at birth [Cassady & others] 320(23):1511*; [Stahlman] 320(23):1551–e
Picard, E. H.
Risk of stroke from carotid bruits [Bartlett & others] 320(14): 936–c
Pieper, K. S.
Contrast nephrotoxicity: a randomized controlled trial of a nonionic and an ionic radiographic contrast agent [Schwab & others] 320(3):149*; [Brezis & Epstein] 320(3):179–e
Pierucci, A.
Improvement of renal function with selective thromboxane antagonism in lupus nephritis [Pierucci & others] 320(7): 421*
Pignatti, P. F.
Amplification of DNA from epithelial cells in urine [Gasparini & others] 320(12):809–c
Pilch, Y.
Eight-year results of a randomized clinical trial comparing total mastectomy and lumpectomy with or without irradiation in the treatment of breast cancer [Fisher & others] 320(13):822*
Pinkston, P.
Maintenance of alveolitis in patients with chronic beryllium disease by beryllium-specific helper T cells [Saltini & others] 320(17):1103*
Pinsky, P. F.
Large community outbreak of cryptosporidiosis due to contamination of a filtered public water supply [Hayes & others] 320(21):1372*; [Olson] 320(21):1413–e
Pinsky, S.
Recurrence of thyroid nodules after surgical removal in patients irradiated in childhood for benign conditions [Fogelfeld & others] 320(13):835*
Pinter, A.
Reinterpretation of human immunodeficiency virus Western blot patterns [Zolla-Pazner & others] 320(19):1280–c
Pintor, C.
Child with phenotypic Laron dwarfism and normal somatomedin levels [Pintor & others] 320(6):376–mi; [Laron & others] 320(25):1698–c
Piot, P.
Perinatal transmission of the human immunodeficiency virus type 1 to infants of seropositive women in Zaire [Ryder & others] 320(25):1637*; [Katz & Wilfert] 320(25): 1687–e
Piper, D. W.
Effect of omeprazole and ranitidine on ulcer healing and relapse rates in patients with benign gastric ulcer [Walan & others] 320(2):69*
Pisacane, A.
Prenatal care and low birth weight among blacks and whites [Oechsli & others] 320(15):1010–c
Pizzo, P. A.
Antibiotics for the treatment of febrile children with neutropenia and cancer [Rubin & others] 320(14):939–c
Intravenous infusion of zidovudine (AZT) in children with HIV infection [Lischner & others] 320(12):805–c
Platts-Mills, T. A. E.
Asthma and serum levels of IgE [Platts-Mills & others] 320(25):1696–c

Plotnick, L. P.
Women in medical education [Vaughan & others] 320(20): 1348–c
Poduslo, J. F.
Pathogenesis of diabetic neuropathy [Winegrad & others] 320(1):57–c
Poggioli, G.
Topical administration of 5-aminosalicylic acid: a therapeutic proposal for the treatment of pouchitis [Miglioli & others] 320(4):257–c
Poisson, R.
Eight-year results of a randomized clinical trial comparing total mastectomy and lumpectomy with or without irradiation in the treatment of breast cancer [Fisher & others] 320(13):822*
Randomized clinical trial evaluating tamoxifen in the treatment of patients with node-negative breast cancer who have estrogen-receptor–positive tumors [Fisher & others] 320(8):479*; [Relman] 320(8):525–e; [McGuire] 320(8): 525–e; [DeVita] 320(8):527–e
Polk, B. F.
Hodgkin's disease and Epstein–Barr virus: altered antibody pattern before diagnosis [Mueller & others] 320(11):689*
Transmission of retroviruses by transfusion of screened blood in patients undergoing cardiac surgery [Cohen & others] 320(18):1172*
Pollaci, M.
Insertion of umbilical arterial catheters with guidance by ultrasound [Pollaci & others] 320(12):809–c
Pollak, M. N.
Recombinant GM-CSF in myelosuppression of chemotherapy [Pollak & others] 320(4):253–c
Pollart, S. M.
Asthma and serum levels of IgE [Platts-Mills & others] 320(25):1696–c
Ponticelli, C.
Randomized trial of methylprednisolone and chlorambucil in idiopathic membranous nephropathy [Ponticelli & others] 320(1):8*; [Glassock] 320(1):51–e
Ponto, R.
Computer-virus infection of a medical diagnostic computer [Juni & Ponto] 320(12):811–c
Poole, K.
Treatment of respiratory failure in preterm infants [Froese & others] 320(25):1694–c
Pope, H. G., Jr.
Book Review of *AIDS: The ultimate challenge.* (Kübler-Ross) [Pope] 320(3):191–br
Poplack, D. G.
Intravenous infusion of zidovudine (AZT) in children with HIV infection [Lischner & others] 320(12):805–c
Popov, N. P.
Teenagers' concerns about nuclear war [Poses & others] 320(2):127–c
Porterfield, J.
Calcium-antagonist receptors in the atrial tissue of patients with hypertrophic cardiomyopathy [Wagner & others] 320(12):755*; [Braunwald] 320(12):800–e
Poses, R. M.
Teenagers' concerns about nuclear war [Poses & others] 320(2):127–c
Posner, G. L.
Acute rhabdomyolysis associated with cocaine intoxication [Kothur & others] 320(10):667–c
Potaznik, D.
Body iron stores and the risk of cancer [Yip & others] 320(15):1012–c
Pottathil, R.
Antibodies to HIV in saliva [Shoeman & others] 320(17): 1145–c
Pounds, G.
Prediction of relapse or survival in patients with node-negative breast cancer by DNA flow cytometry [Clark & others] 320(10):627*
Powell, W. J., Jr.
Converting-enzyme inhibitors in the treatment of hypertension [Hume & others] 320(26):1750–c
Pozza, G.
Plasmapheresis in the treatment of stiff-man syndrome [Vicari & others] 320(22):1499–c
Pozzi, C.
Randomized trial of methylprednisolone and chlorambucil in idiopathic membranous nephropathy [Ponticelli & others] 320(1):8*; [Glassock] 320(1):51–e
Prandoni, P.
Detection of deep-vein thrombosis by real-time B-mode ultrasonography [Lensing & others] 320(6):342*
Preblud, S. R.
Patterns of transmission in measles outbreaks in the United States, 1985–1986 [Markowitz & others] 320(2):75*
Preud'homme, J.-L.
Nonsecretory α-chain disease with immunoproliferative small-intestinal disease [Matuchansky & others] 320(23): 1534–mi
Price, C. R.
Ethical use of human fetal tissue in medicine [Greely & others] 320(16):1093–sr; [Annas & Elias] 320(16):1079–sb
Price, T. H.
Treatment of cyclic neutropenia with granulocyte colony-stimulating factor [Hammond & others] 320(20):1306*; [Quesenberry] 320(20):1343–e
Primignani, M.
Prediction of the first variceal hemorrhage [Ohara & others] 320(13):868–c
Primm, B. J.
Female intravenous drug users and perinatal HIV transmission [Brown & others] 320(22):1493–c
Prout, C.
Book Review of *Sentenced to Hospital: Offenders in Broadmoor.* (Dell & Robertson) [Prout] 320(25):1700–br
Prystowsky, E. N.
Ventricular fibrillation during antiarrhythmic drug therapy [Rude & others] 320(8):537–c
Purtill, J. J.
Comparative effectiveness and costs of inpatient and outpatient detoxification of patients with mild-to-moderate alcohol withdrawal syndrome [Hayashida & others] 320(6): 358–sa; [Klerman] 320(6):394–e

Q

Quarto, M.
HIV transmission through kidney transplantation from a living related donor [Quarto & others] 320(26):1754–c
Quenard, N.
Pregnancy after oocyte collection and total ovariectomy [Sèle & others] 320(26):1756–c
Quesenberry, P. J.
Treatment of a marrow stem-cell disorder with granulocyte colony-stimulating factor [Quesenberry] 320(20):1343–e
Quinlan, J. M.
Mandatory testing for HIV in federal prisons [Starchild & Quinlan] 320(5):315–c
Quinn, T. C.
AIDS in the Americas: an emerging public health crisis [Quinn & others] 320(15):1005–e
Human immunodeficiency virus infection among employees in an African hospital [Allebeck & others] 320(24): 1625–c
Perinatal transmission of the human immunodeficiency virus type 1 to infants of seropositive women in Zaire [Ryder & others] 320(25):1637*; [Katz & Wilfert] 320(25):1687–e

R

Rabin, B. S.
Differences in interleukin-2 production in blacks and whites [Ganguli & Rabin] 320(6):399–c

Rabinowitz, H. K.
Selective medical school admissions policy to increase the number of family physicians [Blohm & others] 320(8): 539–c
Rabinowitz, M.
Environmental exposure to lead and cognitive deficits in children [Sargent & others] 320(9):595–c
Racinet, C.
Pregnancy after oocyte collection and total ovariectomy [Sèle & others] 320(26):1756–c
Radovsky, S. S.
Initiative to evaluate and improve medical practice [Tayloe & others] 320(16):1084–c
Raffin, T.
Ethical use of human fetal tissue in medicine [Greely & others] 320(16):1093–sr; [Annas & Elias] 320(16):1079–sb
Raffin, T. A.
Animal care at Stanford [Novic & others] 320(5):322–c
Raju, T. N. K.
Multicenter randomized, placebo-controlled trial of surfactant therapy for respiratory distress syndrome [Horbar & others] 320(15):959*
Rakatansky, H.
Morality for the medical–industrial complex [Sulmasy & others] 320(16):1082–c
Ramberg, R.
Effect of HLA compatibility on engraftment of bone marrow transplants in patients with leukemia or lymphoma [Anasetti & others] 320(4):197*
Ramsey, E.
Mortality and reoperation after open and transurethral resection of the prostate for benign prostatic hyperplasia [Roos & others] 320(17):1120–sa; [Greenfield] 320(17):1142–e
Ramström, G.
Hemostatic effect of tranexamic acid mouthwash in anticoagulant-treated patients undergoing oral surgery [Sindet-Pedersen & others] 320(13):840*
Rank, B.
How do house officers spend their nights? A time study of internal medicine house staff on call [Lurie & others] 320(25):1673–sa; [Mellinkoff] 320(25):1689–e
Rankin, E. A.
Book Review of *Sports Medicine: Fitness, training, injuries.* 3rd ed. (Appenzeller) [Rankin] 320(8):543–br
Rao, G. A.
Alcohol-induced injury to the liver [Rao & others] 320(20): 1353–c
Rapaport, E.
Thrombolytic agents in acute myocardial infarction [Rapaport] 320(13):861–e
Raphael, S. A.
Intravenous infusion of zidovudine (AZT) in children with HIV infection [Lischner & others] 320(12):805–c
Raphaelson, A. H.
Comparative effectiveness and costs of inpatient and outpatient detoxification of patients with mild-to-moderate alcohol withdrawal syndrome [Hayashida & others] 320(6): 358–sa; [Klerman] 320(6):394–e
Rashad, M. N.
Assessing acid–base status in circulatory failure: differences between arterial and central venous blood [Adrogué & others] 320(20):1312*; [Bleich] 320(20):1345–e
Raviele, K. M.
Book Review of *Surrogate Motherhood: The legal and human issues.* (Field) [Raviele] 320(13):875–br
Ravnskov, U.
Focal segmental glomerulosclerosis in acute renal failure [Ravnskov] 320(18):1218–c
Rawls, W. E.
Human papillomavirus infection and cervical cancer in Latin America [Reeves & others] 320(22):1437*
Rawson, I. G.
Oral dehydration therapy [Rawson] 320(23):1562–c
Rayfield, M.
Perinatal transmission of the human immunodeficiency virus type 1 to infants of seropositive women in Zaire [Ryder & others] 320(25):1637*; [Katz & Wilfert] 320(25):1687–e
Use of the polymerase chain reaction for early detection of the proviral sequences of human immunodeficiency virus in infants born to seropositive mothers [Rogers & others] 320(25):1649*; [Katz & Wilfert] 320(25):1687–e
Re, R. N.
Technology and the allocation of resources [Disler & others] 320(24):1629–c
Reaven, G.
Risk factors for coronary artery disease in healthy persons with hyperinsulinemia and normal glucose tolerance [Zavaroni & others] 320(11):702*; [Foster] 320(11):733–e
Reay, D. T.
Handgun regulations, crime, assaults, and homicide: a tale of two cities [Blackman & others] 320(18):1214–c
Redaelli, B.
Randomized trial of methylprednisolone and chlorambucil in idiopathic membranous nephropathy [Ponticelli & others] 320(1):8*; [Glassock] 320(1):51–e
Redfield, R. R.
Screening for human immunodeficiency virus infections [Stoto & others] 320(7):461–c
Toward a better classification system for HIV infection [Redfield & Tramont] 320(21):1414–e
Redmond, C.
Eight-year results of a randomized clinical trial comparing total mastectomy and lumpectomy with or without irradiation in the treatment of breast cancer [Fisher & others] 320(13):822*
Randomized clinical trial evaluating sequential methotrexate and fluorouracil in the treatment of patients with node-negative breast cancer who have estrogen-receptor–negative tumors [Fisher & others] 320(8):473*; [Relman] 320(8):525–e; [McGuire] 320(8):525–e; [DeVita] 320(8): 527–e
Randomized clinical trial evaluating tamoxifen in the treatment of patients with node-negative breast cancer who have estrogen-receptor–positive tumors [Fisher & others] 320(8):479*; [Relman] 320(8):525–e; [McGuire] 320(8): 525–e; [DeVita] 320(8):527–e
Reed, G. L.
Risk of stroke from carotid bruits [Bartlett & others] 320(14): 936–c
Reedy, T. J.
Randomized study of maintenance therapy with ranitidine to prevent the recurrence of duodenal ulcer [Van Deventer & others] 320(17):1113*
Reeves, W. C.
Human papillomavirus infection and cervical cancer in Latin America [Reeves & others] 320(22):1437*
Regnard, J.
Bronchial hyperresponsiveness to methacholine in patients with impaired left ventricular function [Cabanes & others] 320(20):1317*; [Fishman] 320(20):1346–e
Reichel, H.
Role of the vitamin D endocrine system in health and disease [Reichel & others] 320(15):980–mp
Reinhardt, B. N.
Lack of antibodies to *Borrelia burgdorferi* in patients with amyotrophic lateral sclerosis [Mandell & others] 320(4):255–c
Reiser, S. J.
Book Review of *Mortal Choices: Ethical dilemmas in modern medicine.* (Macklin) [Reiser] 320(9):603–br
Reitz, B. A.
Transmission of retroviruses by transfusion of screened blood in patients undergoing cardiac surgery [Cohen & others] 320(18):1172*
Relman, A. S.
Adjuvant treatment of early breast cancer [Relman] 320(8): 525–e

American medicine at the crossroads: signs from Canada [Relman] 320(9):590–e
Economic incentives in clinical investigation [Relman] 320(14):933–e
Fraud in biomedical research [Weiss & others] 320(1):57–c
Johns Hopkins Centennial [Relman] 320(21):1411–e
National Leadership Commission's health care plan [Relman] 320(5):314–e
Redundant publication [Angell & Relman] 320(18):1212–e
Salaried physicians and economic incentives [Imperato & others] 320(3):187–c
Universal health insurance: its time has come [Relman] 320(2):117–e; [Relman] 320(5):314–e
What have we learned about the treatment of idiopathic membranous nephropathy with steroids? [Relman] 320(4): 248–e

Relman, D. A.
Seronegative Lyme disease [Relman & others] 320(19): 1279–c

Rennke, H. G.
Book Review of *Concise Renal Pathology (excluding Neoplasm).* (Dische) [Rennke] 320(7):470–br

Resnick, N.
Urinary incontinence among elderly persons [Anderl & others] 320(21):1421–c

Resnick, N. M.
Pathophysiology of urinary incontinence among institutionalized elderly persons [Resnick & others] 320(1):1*; [Anderl & others] 320(21):1421–c

Restagno, G.
Polycystic kidney disease [Cheng & others] 320(11):737–c

Retallack, R.
Amyloid A4 protein and its precursor in Down's syndrome and Alzheimer's disease [Rumble & others] 320(22):1446*; [Selkoe] 320(22):1484–e

Reunanen, A.
Body iron stores and the risk of cancer [Yip & others] 320(15):1012–c

Reuter, A.
Systemic reaction to the anti–T-cell monoclonal antibody OKT3 in relation to serum levels of tumor necrosis factor and interferon-α [Chatenoud & others] 320(21):1420–c

Rhame, F. S.
Case for wider use of testing for HIV infection [Rhame & Maki] 320(19):1248–sa

Rhoads, G. G.
Safety and efficacy of chorionic villus sampling for early prenatal diagnosis of cytogenetic abnormalities [Rhoads & others] 320(10):609*; [Mennuti] 320(10):661–e

Rhoads, J. M.
Microvillus inclusion disease: an inherited defect of brush-border assembly and differentiation [Cutz & others] 320(10):646–mi

Rice, C.
Handgun regulations, crime, assaults, and homicide: a tale of two cities [Blackman & others] 320(18):1214–c

Rice, T. B.
Dexamethasone therapy for bacterial meningitis [Skapek & others] 320(7):463–c

Rich, S.
Familial clustering of diabetic kidney disease: evidence for genetic susceptibility to diabetic nephropathy [Seaquist & others] 320(18):1161*

Richard, M. O.
Bronchial hyperresponsiveness to methacholine in patients with impaired left ventricular function [Cabanes & others] 320(20):1317*; [Fishman] 320(20):1346–e

Richards, B. W.
Recurrent syphilitic uveitis [Richards & others] 320(1):62–c

Richardson, E. P., Jr.
MGH Case Records (Case 8-1989): A 46-year-old woman with progressive dementia [Levine & Richardson] 320(8): 514–cpc

Richie, J. P.
Book Review of *Prostate Book: Sound advice on symptoms and treatment.* (Rous) [Richie] 320(12):813–br

Richman, R. A.
Testosterone treatment for delayed growth [Waller & Richman] 320(18):1217–c

Richter, W. O.
Ursodeoxycholic acid and gallstones during weight loss [Seaton & others] 320(20):1351–c

Rickaert, F.
Regression of Barrett's epithelium with omeprazole [Deviere & others] 320(22):1497–c

Ridker, P. M.
Atrial fibrillation induced by breath spray [Ridker & others] 320(2):124–c

Rie, M. A.
Morality for the medical–industrial complex [Sulmasy & others] 320(16):1082–c

Rigatto, H.
Treatment of respiratory failure in preterm infants [Froese & others] 320(25):1694–c

Rigotti, N. A.
Cigarette smoking and body weight [Rigotti] 320(14):931–e

Rinaldo, P.
Medium-chain acyl-CoA dehydrogenase deficiency [Millington & others] 320(18):1219–c

Ring-Larsen, H.
Prerenal failure [Iberti & others] 320(6):397–c

Rinke, D.
Exposure of health care workers to the blood of patients infected with the human immunodeficiency virus [Manian & others] 320(20):1350–c

Rising, C.
Book Review of *Essentials of General Surgery.* (Lawrence) [Moore & Rising] 320(6):403–br

Ritch, P. S.
Yersinia enterocolitica serotype O:3 sepsis after blood transfusion [Bufill & Ritch] 320(12):810–c

Ritchie, S.
Randomized controlled trial of prednisone in patients with idiopathic membranous nephropathy [Cattran & others] 320(4):210*; [Relman] 320(4):248–e

Ritsema, R. L.
Book Review of *Gastrointestinal Disease: Pathophysiology, diagnosis, management.* 4th ed. (Sleisenger & Fordtran) [Ritsema & Friedman] 320(21):1433–br

Ritz, J.
Role of natural killer cells in immune surveillance [Ritz] 320(26):1748–e

Rivara, F. P.
Case–control study of the effectiveness of bicycle safety helmets [Thompson & others] 320(21):1361*; [Callahan] 320(21):1412–e
Handgun regulations, crime, assaults, and homicide: a tale of two cities [Blackman & others] 320(18):1214–c

Rivers, J. T.
Effect of intravenous streptokinase as compared with that of tissue plasminogen activator on left ventricular function after first myocardial infarction [White & others] 320(13): 817*; [Rapaport] 320(13):861–e

Riviello, J. J., Jr.
Intravenous infusion of zidovudine (AZT) in children with HIV infection [Lischner & others] 320(12):805–c

Rivitti, E. A.
Pathogenic effect of IgG4 autoantibodies in endemic pemphigus foliaceus (fogo selvagem) [Rock & others] 320(22): 1463*

Rizzi, P.
Prediction of the first variceal hemorrhage [Ohara & others] 320(13):868–c

Roberts, J. R.
Pseudo cerebral herniation due to phenylephrine nasal spray [Roberts] 320(26):1757–c

Roberts, R. J.
Environmental exposure to lead and cognitive deficits in children [Sargent & others] 320(9):595–c
Robertson, E. F.
Environmental exposure to lead and cognitive deficits in children [Sargent & others] 320(9):595–c
Robidoux, A.
Randomized clinical trial evaluating tamoxifen in the treatment of patients with node-negative breast cancer who have estrogen-receptor–positive tumors [Fisher & others] 320(8):479*; [Relman] 320(8):525–e; [McGuire] 320(8): 525–e; [DeVita] 320(8):527–e
Robie, G. F.
Selective delivery of an acardiac, acephalic twin [Robie & others] 320(8):512–mi
Robin, M.
Prospective study of infants born to women seropositive for human immunodeficiency virus type 1 [Blanche & others] 320(25):1643*; [Katz & Wilfert] 320(25):1687–e
Robinson, J. G.
Comparison of high-dose with low-dose subcutaneous heparin to prevent left ventricular mural thrombosis in patients with acute transmural anterior myocardial infarction [Turpie & others] 320(6):352*; [Fuster & Halperin] 320(6):392–e
Robinson, J. P.
Teenagers' concerns about nuclear war [Poses & others] 320(2):127–c
Robison, J.
Randomized, double-blind six-month trial of prednisone in Duchenne's muscular dystrophy [Mendell & others] 320(24):1592*; [Brown] 320(24):1621–e
Roblin, P. M.
Efficacy of neonatal ocular prophylaxis for the prevention of chlamydial and gonococcal conjunctivitis [Hammerschlag & others] 320(12):769*; [Schachter] 320(12):802–e
Rock, B.
Pathogenic effect of IgG4 autoantibodies in endemic pemphigus foliaceus (fogo selvagem) [Rock & others] 320(22): 1463*
Rock, P. B.
Acute mountain sickness [Callen & others] 320(22):1492–c
Rodkey, G. V.
Book Review of *Anorectal Surgery*. (Decosse & Todd) [Rodkey] 320(6):403–br
Rodriguez-Roisin, R.
Community outbreaks of asthma associated with inhalation of soybean dust [Antó & others] 320(17):1097*
Roe, C. R.
Medium-chain acyl-CoA dehydrogenase deficiency [Millington & others] 320(18):1219–c
Roehm, E. F.
Outpatient versus inpatient cardiac catheterization [Roehm & others] 320(14):938–c
Rogatko, A.
Association of the Lewis blood-group phenotype with recurrent urinary tract infections in women [Sheinfeld & others] 320(12):773*; [Schoolnik] 320(12):804–e
Rogers, D. E.
Federal spending on AIDS — how much is enough? [Rogers] 320(24):1623–e
Rogers, M.
Perinatal transmission of the human immunodeficiency virus type 1 to infants of seropositive women in Zaire [Ryder & others] 320(25):1637*; [Katz & Wilfert] 320(25): 1687–e
Rogers, M. F.
Use of the polymerase chain reaction for early detection of the proviral sequences of human immunodeficiency virus in infants born to seropositive mothers [Rogers & others] 320(25):1649*; [Katz & Wilfert] 320(25):1687–e
Rogers, T. S.
Effect of dietary supplementation with n−3 polyunsaturated fatty acids on the synthesis of interleukin-1 and tumor necrosis factor by mononuclear cells [Endres & others] 320(5):265*
Rohr, R. E.
Hired help: a physician's experiences in a for-profit staff-model HMO [Hudson & others] 320(3):185–c
Rolla, G.
Asthma and serum levels of IgE [Platts-Mills & others] 320(25):1696–c
Roos, N. P.
Mortality and reoperation after open and transurethral resection of the prostate for benign prostatic hyperplasia [Roos & others] 320(17):1120–sa; [Greenfield] 320(17): 1142–e
Roper, W. L.
Initiative to evaluate and improve medical practice [Tayloe & others] 320(16):1084–c
Roscoe, J.
Randomized controlled trial of prednisone in patients with idiopathic membranous nephropathy [Cattran & others] 320(4):210*; [Relman] 320(4):248–e
Rose, E.
Successful treatment of an acquired von Willebrand factor antibody by extracorporeal immunoadsorption [Uehlinger & others] 320(4):254–c
Rose, J. B.
Large community outbreak of cryptosporidiosis due to contamination of a filtered public water supply [Hayes & others] 320(21):1372*; [Olson] 320(21):1413–e
Rosenbaum, S. H.
Book Review of *Persistent Pain: Psychosocial assessment and intervention*. (Lynch & Vasudevan) [Rosenbaum] 320(11): 744–br
Rosenberg, A. E.
MGH Case Records (Case 5-1989): A 27-year-old Greek woman with portal-vein thrombosis and an epigastric mass [Banks & Rosenberg] 320(5):301–cpc
MGH Case Records (Case 13-1989): A 76-year-old woman with multiple bone lesions and thrombocytopenia [Brower & Rosenberg] 320(13):854–cpc
MGH Case Records (Case 24-1989): A 77-year-old man with back pain and acute inability to walk [Borges & Rosenberg] 320(24):1610–cpc
Rosenberg, L.
"Low yield" cigarettes and the risk of nonfatal myocardial infarction in women [Palmer & others] 320(24):1569*; [Benowitz] 320(24):1619–e
Rosenberg, S. A.
Tumor-infiltrating lymphocytes and interleukin-2 in melanomas [Sondel & others] 320(21):1418–c
Rosenblum, M.
Resource-based relative-value scale for physicians' reimbursement [Cook & others] 320(8):533–c
Rosenfield, D. B.
Stuttering [Rosenfield] 320(24):1630–c
Rosenfield, R. L.
Pituitary–ovarian responses to nafarelin testing in the polycystic ovary syndrome [Barnes & others] 320(9):559*
Rosenthal, M.
High monounsaturated fat diet for non-insulin-dependent diabetes mellitus [Truswell & others] 320(8):535–c
Rosenthal, W.
Ursodeoxycholic acid and gallstones during weight loss [Seaton & others] 320(20):1351–c
Ross, R. S.
TIMI II and the role of angioplasty in acute myocardial infarction [Guerci & Ross] 320(10):663–e
Rostand, S. G.
Renal insufficiency in treated essential hypertension [Rostand & others] 320(11):684*; [Klahr] 320(11): 731–e
Rostoker, G.
IgA antigliadin antibodies as a possible marker for IgA mesangial glomerulonephritis in adults with primary glomerulonephritis [Rostoker & others] 320(19):1283–c

Rotello, L. C.
Removing cockroaches from the auditory canal: a direct method [Warren & Rotello] 320(5):322–c
Roth, D.
Acute rhabdomyolysis associated with cocaine intoxication [Kothur & others] 320(10):667–c
Roth, J.
Specificity spillover at the hormone receptor — exploring its role in human disease [Fradkin & others] 320(10):640–md
Rothman, K. F.
MGH Case Records (Case 21-1989): A newborn girl with respiratory distress and vesicular skin lesions [Rothman & Imber] 320(21):1399–cpc
Rothschild, B. M.
Ciprofloxacin-induced vasculitis [Choe & others] 320(4): 257–c
Rotman, B.
Plasma levels of atrial natriuretic peptide in transient left ventricular ischemia [Gasser & others] 320(26):1752–c
Rouzioux, C.
Acute HIV infection after acupuncture treatments [Vittecoq & others] 320(4):250–c
Prospective study of infants born to women seropositive for human immunodeficiency virus type 1 [Blanche & others] 320(25):1643*; [Katz & Wilfert] 320(25):1687–e
Rovira, E. Z.
Patterns of transmission in measles outbreaks in the United States, 1985–1986 [Markowitz & others] 320(2):75*
Rowland, L. P.
Mitochondrial DNA deletions in progressive external ophthalmoplegia and Kearns–Sayre syndrome [Moraes & others] 320(20):1293*; [Harding] 320(20):1341–e
Rubenstein, W.
Resource-based relative-value scale for physicians' reimbursement [Cook & others] 320(8):533–c
Rubin, E.
Effects of alcoholism on skeletal and cardiac muscle [Urbano-Marquez & others] 320(7):409*; [Diamond] 320(7):458–e
Rubin, M.
Antibiotics for the treatment of febrile children with neutropenia and cancer [Rubin & others] 320(14):939–c
Rude, R. K.
Ventricular fibrillation during antiarrhythmic drug therapy [Rude & others] 320(8):537–c
Rudzinski, M.
Recognizing the alcoholic patient [Rudzinski & Stankaitis] 320(2):125–c
Ruggeiro, M.
Effects of recombinant human granulocyte colony-stimulating factor on neutropenia in patients with congenital agranulocytosis [Bonilla & others] 320(24):1574*
Rumack, B. H.
N-acetylcysteine in the treatment of acetaminophen overdose [Westman & others] 320(21):1417–c
Rumble, B.
Amyloid A4 protein and its precursor in Down's syndrome and Alzheimer's disease [Rumble & others] 320(22):1446*; [Selkoe] 320(22):1484–e
Russell, L. B.
Effect of prospective payment on Medicare expenditures [Russell & Manning] 320(7):439–sa
Rutgersson, K.
Effect of omeprazole and ranitidine on ulcer healing and relapse rates in patients with benign gastric ulcer [Walan & others] 320(2):69*
Rutsky, E. A.
Renal insufficiency in treated essential hypertension [Rostand & others] 320(11):684*; [Klahr] 320(11):731–e
Ryder, R.
Human immunodeficiency virus infection among employees in an African hospital [Allebeck & others] 320(24): 1625–c
Ryder, R. W.
Perinatal transmission of the human immunodeficiency virus type 1 to infants of seropositive women in Zaire [Ryder & others] 320(25):1637*; [Katz & Wilfert] 320(25):1687–e
Ryzen, E.
Ventricular fibrillation during antiarrhythmic drug therapy [Rude & others] 320(8):537–c

S

Saad, M. F.
Publication of closely related reports [Saad & others] 320(18):1221–c; [Angell & Relman] 320(18):1212–e
Saario, R.
Yersinia antigens in synovial-fluid cells from patients with reactive arthritis [Granfors & others] 320(4):216*; [Mills] 320(4):245–e
Sabry, J. H.
Book Review of *Developmental Biology*. 2nd ed. (Gilbert) [Sabry] 320(13):874–br
Sachs, B.
Book Review of *Douglas–Stromme Operative Obstetrics*. 5th ed. (Zuspan & Quilligan) [Flood & Sachs] 320(20):1356–br
Sachs, B. P.
Book Review of *Cesarean Delivery*. (Phelan & Clark) [Sachs & Gregory] 320(5):323–br
Program to lower cesarean section rates [Golde & others] 320(25):1692–c
Sadoff, R. L.
Book Review of *Treat Me Right: Essays in medical law and ethics*. (Kennedy) [Sadoff] 320(4):260–br
Saenz de Tejada, I.
Impaired neurogenic and endothelium-mediated relaxation of penile smooth muscle from diabetic men with impotence [Saenz de Tejada & others] 320(16):1025*
Safar, P.
Physician's responsibility toward hopelessly ill patients: a second look [Wanzer & others] 320(13):844–sa
Sager, M. A.
Changes in the location of death after passage of Medicare's prospective payment system: a national study [Sager & others] 320(7):433–sa
Saibil, F.
Diarrhea due to fiber overload [Saibil] 320(9):599–c
Said, S. I.
Vasoactive intestinal polypeptide and asthma [Said] 320(19):1271–e
Sajid, A. W.
Pressure to keep prices high at a walk-in clinic [Yunker & others] 320(3):183–c
Salcman, M.
Book Review of *AIDS in the Nervous System*. (Lechtenberg & Sher) [Salcman] 320(3):192–br
Salem, M.
More on therapy for hyperkalemia in renal insufficiency [Batlle & others] 320(22):1496–c
Salen, G.
Nonsurgical treatment of gallstones [Salen & Tint] 320(10): 665–e
Salgo, M. P.
Eustrongylidiasis — a parasitic infection acquired by eating sushi [Wittner & others] 320(17):1124–mi; [Schantz] 320(17):1143–e
Salive, M. E.
Initiative to evaluate and improve medical practice [Tayloe & others] 320(16):1084–c
Salmela, P.
Comparison of childhood and adult Type I diabetes mellitus [Karjalainen & others] 320(14):881*
Saltini, C.
Maintenance of alveolitis in patients with chronic beryllium disease by beryllium-specific helper T cells [Saltini & others] 320(17):1103*
Salusky, I. B.
Control of serum phosphorus in uremia [Coburn & Salusky] 320(17):1140–e

Salvatore, L.
Auscultator's neck [Salvatore] 320(9):601–c
Salzberg, A. M.
More on transmission of HIV by blood transfusion [Perkins & others] 320(7):463–c
Relation between AIDS cases and HIV prevalence [Salzberg & Dolins] 320(14):936–c
Salzman, E. W.
Teenagers' concerns about nuclear war [Poses & others] 320(2):127–c
Samet, J. M.
Indoor radon and lung cancer [Samet & Nero] 320(9):591–sb
Samuel, F. E., Jr.
Initiative to evaluate and improve medical practice [Tayloe & others] 320(16):1084–c
Sanchez, J.
Gunshot wounds to legs in drug runners [Sanchez & others] 320(16):1089–c
Sanders, J. E.
Effect of HLA compatibility on engraftment of bone marrow transplants in patients with leukemia or lymphoma [Anasetti & others] 320(4):197*
Graft-versus-host disease as adoptive immunotherapy in patients with advanced hematologic neoplasms [Sullivan & others] 320(13):828*
Sanders, M. H.
Breathing patterns in recipients of heart–lung transplants [Systrom & others] 320(10):669–c
Sandler, D. P.
Analgesic use and chronic renal disease [Sandler & others] 320(19):1238*; [Bennett & DeBroe] 320(19):1269–e
Sanfilippo, A. J.
Identification of high-risk and low-risk subgroups of patients with mitral-valve prolapse [Marks & others] 320(16): 1031*; [Devereux] 320(16):1077–e
Sano, K.
Human immunodeficiency virus type 1 infection in homosexual men who remain seronegative for prolonged periods [Imagawa & others] 320(22):1458*; [Haseltine] 320(22): 1487–e
Santa Ana, C. A.
Effect of the time of administration of calcium acetate on phosphorus binding [Schiller & others] 320(17):1110*; [Coburn & Salusky] 320(17):1140–e
Santucci, R.
Topical administration of 5-aminosalicylic acid: a therapeutic proposal for the treatment of pouchitis [Miglioli & others] 320(4):257–c
Saoudi, N.
Closed-chest ablation of retrograde conduction in patients with atrioventricular nodal reentrant tachycardia [Haissaguerre & others] 320(7):426*; [Scheinman] 320(7): 460–e
Sargent, J. D.
Environmental exposure to lead and cognitive deficits in children [Sargent & others] 320(9):595–c
Sasdelli, M.
Randomized trial of methylprednisolone and chlorambucil in idiopathic membranous nephropathy [Ponticelli & others] 320(1):8*; [Glassock] 320(1):51–e
Satterwhite, C.
Randomized, controlled trial of very early prophylactic ligation of the ductus arteriosus in babies who weighed 1000 g or less at birth [Cassady & others] 320(23):1511*; [Stahlman] 320(23):1551–e
Savoia, A.
Amplification of DNA from epithelial cells in urine [Gasparini & others] 320(12):809–c
Savoy, S. M.
Intrathecal baclofen for severe spinal spasticity [Penn & others] 320(23):1517*; [Young] 320(23):1553–e
Sax, F. L.
Calcium-antagonist receptors in the atrial tissue of patients with hypertrophic cardiomyopathy [Wagner & others] 320(12):755*; [Braunwald] 320(12):800–e
Scannell, J. G.
Book Review of *Below the Magic Mountain: A social history of tuberculosis in twentieth-century Britain.* (Bryder) [Scannell] 320(4):259–br
Schachter, J.
Why we need a program for the control of *Chlamydia trachomatis* [Schachter] 320(12):802–e
Schaefer, E. J.
Effect of dietary supplementation with n−3 polyunsaturated fatty acids on the synthesis of interleukin-1 and tumor necrosis factor by mononuclear cells [Endres & others] 320(5):265*
Schaeffer, A. J.
Association of the Lewis blood-group phenotype with recurrent urinary tract infections in women [Sheinfeld & others] 320(12):773*; [Schoolnik] 320(12):804–e
Schaffer, E.
Plasma levels of atrial natriuretic peptide in transient left ventricular ischemia [Gasser & others] 320(26):1752–c
Schantz, P. M.
Dangers of eating raw fish [Schantz] 320(17):1143–e
Scheibner, T.
Absence of immunoreactive vasoactive intestinal polypeptide in tissue from the lungs of patients with asthma [Ollerenshaw & others] 320(19):1244*; [Said] 320(19): 1271–e
Scheinman, M. M.
Catheter techniques for ablation of supraventricular tachycardia [Scheinman] 320(7):460–e
Schena, J.
Exposure to di(2-ethylhexyl) phthalate in infants receiving extracorporeal membrane oxygenation [Shneider & others] 320(23):1563–c
Schierbecker, J.
Randomized, double-blind six-month trial of prednisone in Duchenne's muscular dystrophy [Mendell & others] 320(24):1592*; [Brown] 320(24):1621–e
Schiffers, P.
Atrial natriuretic factor and sodium intake in offspring of hypertensive and normotensive parents [van Hooft & others] 320(13):867–c
Schiller, L. R.
Effect of the time of administration of calcium acetate on phosphorus binding [Schiller & others] 320(17):1110*; [Coburn & Salusky] 320(17):1140–e
Schindler, D.
Neuroaxonal dystrophy due to lysosomal α-*N*-acetylgalactosaminidase deficiency [Schindler & others] 320(26): 1735–mi
Schlant, R. C.
Comparison of oral milrinone, digoxin, and their combination in the treatment of patients with chronic heart failure [DiBianco & others] 320(11):677*; [Cohn] 320(11):729–e
Schlegel-Pratt, K.
How accurate are hospital scales? [Schlegel-Pratt & Heizer] 320(3):189–c
Schlesselman, S. E.
Safety and efficacy of chorionic villus sampling for early prenatal diagnosis of cytogenetic abnormalities [Rhoads & others] 320(10):609*; [Mennuti] 320(10):661–e
Schlossberg, D.
Book Review of *AIDS: Etiology, diagnosis, treatment, and prevention.* 2nd ed. (DeVita & others) [Schlossberg] 320(13): 873–br
Schlueter, W.
More on therapy for hyperkalemia in renal insufficiency [Batlle & others] 320(22):1496–c
Schmid, J.
Successful pregnancy in a previously infertile woman treated with SMS-201-995 for acromegaly [Landolt & others] 320(10):671–c
Schmidt, B.
Mitochondrial DNA deletions in progressive external ophthalmoplegia and Kearns–Sayre syndrome [Moraes & others] 320(20):1293*; [Harding] 320(20):1341–e

Schmitt, J. P.
Resource-based relative-value scale for physicians' reimbursement [Cook & others] 320(8):533–c
Schmitz, J. M.
Reduction in coronary restenosis with n−3 fatty acids [Berger & others] 320(7):465–c
Schneid, J. A.
Book Review of *Family Medicine: Principles and practice.* 3rd ed. (Taylor) [Onion & Schneid] 320(7):469–br
Schneider, A. B.
Recurrence of thyroid nodules after surgical removal in patients irradiated in childhood for benign conditions [Fogelfeld & others] 320(13):835*
Schneidman, D.
Randomized study of maintenance therapy with ranitidine to prevent the recurrence of duodenal ulcer [Van Deventer & others] 320(17):1113*
Schnipper, L. E.
Recombinant GM-CSF in myelosuppression of chemotherapy [Pollak & others] 320(4):253–c
Recombinant human GM-CSF in myelosuppression of chemotherapy (continued) [Bar & others] 320(14):939–c
Schochetman, G.
Use of the polymerase chain reaction for early detection of the proviral sequences of human immunodeficiency virus in infants born to seropositive mothers [Rogers & others] 320(25):1649*; [Katz & Wilfert] 320(25):1687–e
Schoemaker, J.
Pregnancy following transcervical transfer of oocyte and sperm [Veersema & others] 320(22):1499–c
Schoenbaum, E. E.
Prospective study of the risk of tuberculosis among intravenous drug users with human immunodeficiency virus infection [Selwyn & others] 320(9):545*
Use of the polymerase chain reaction for early detection of the proviral sequences of human immunodeficiency virus in infants born to seropositive mothers [Rogers & others] 320(25):1649*; [Katz & Wilfert] 320(25):1687–e
Schoenfield, L. J.
Ursodeoxycholic acid and gallstones during weight loss [Seaton & others] 320(20):1351–c
Schon, E. A.
Mitochondrial DNA deletions in progressive external ophthalmoplegia and Kearns–Sayre syndrome [Moraes & others] 320(20):1293*; [Harding] 320(20):1341–e
Schooley, R. T.
Book Review of *AIDS Challenge: Prevention education for young people.* (Quackenbush & Nelson) [Schooley] 320(23): 1566–br
Resistance to antiviral drugs: the end of innocence [Hirsch & Schooley] 320(5):313–e
Book Review of *Understanding and Preventing AIDS: A book for everyone.* 2nd ed. (Jennings) [Schooley] 320(23): 1566–br
Schoolnik, G. K.
How *Escherichia coli* infects the urinary tract [Schoolnik] 320(12):804–e
Schor, D. P.
Intravenous infusion of zidovudine (AZT) in children with HIV infection [Lischner & others] 320(12):805–c
Schotland, D. L.
Mitochondrial DNA deletions in progressive external ophthalmoplegia and Kearns–Sayre syndrome [Moraes & others] 320(20):1293*; [Harding] 320(20):1341–e
Schrager, L. E.
Successful treatment with foscarnet of an acyclovir-resistant mucocutaneous infection with herpes simplex virus in a patient with acquired immunodeficiency syndrome [Chatis & others] 320(5):297–mi; [Hirsch & Schooley] 320(5): 313–e
Schrier, R. W.
Pathogenesis of sodium and water retention [Munoz & Schrier] 320(23):1561–c
Polycystic kidney disease [Cheng & others] 320(11): 737–c
Schroeder, S. A.
Paging patterns: a nurse's view [Barton & others] 320(17): 1151–c
Schulte-Vallentin, M.
Chromosome analyses from urinary sediment: postnatal confirmation of a prenatally diagnosed trisomy 20 mosaicism [Miny & others] 320(12):809–c
Schultz, W. B.
Cancer-causing substances in food, drugs, and cosmetics [Schultz & others] 320(14):934–c
Schwab, S. J.
Contrast nephrotoxicity: a randomized controlled trial of a nonionic and an ionic radiographic contrast agent [Schwab & others] 320(3):149*; [Brezis & Epstein] 320(3): 179–e
Schwandt, P.
Ursodeoxycholic acid and gallstones during weight loss [Seaton & others] 320(20):1351–c
Schwartz, H. J.
Bulimia nervosa [Sigman & others] 320(11):735–c
Schwartz, T. B.
Endorsement of "patient promise" program [Schwartz & Bressler] 320(20):1354–c
Schweitzer, P.
Holiday heart Type II [Kukin & others] 320(6):402–c
Sciurba, F. C.
Breathing patterns in recipients of heart–lung transplants [Systrom & others] 320(10):669–c
Scofield, G. R.
Physician and the dying patient [Scofield & others] 320(23): 1557–c
Scott, T. F.
Brachial plexus injury due to vest restraints [Scott & Gross] 320(9):598–c
Scovern, H.
Hired help: a physician's experiences in a for-profit staff-model HMO [Hudson & others] 320(3):185–c
Sealey, B. J.
Comparison of high-dose with low-dose subcutaneous heparin to prevent left ventricular mural thrombosis in patients with acute transmural anterior myocardial infarction [Turpie & others] 320(6):352*; [Fuster & Halperin] 320(6):392–e
Seaquist, E. R.
Familial clustering of diabetic kidney disease: evidence for genetic susceptibility to diabetic nephropathy [Seaquist & others] 320(18):1161*
Seaton, T. B.
Ursodeoxycholic acid and gallstones during weight loss [Seaton & others] 320(20):1351–c
Seeman, E.
Reduced bone mass in daughters of women with osteoporosis [Seeman & others] 320(9):554*
Segre, G. V.
Abnormalities in parathyroid hormone secretion and 1,25-dihydroxyvitamin D_3 formation in women with osteoporosis [Silverberg & others] 320(5):277*; [Franz & others] 320(25):1697–c
Seidman, D. S.
Health effects of involuntary smoking [Seidman & others] 320(19):1287–c
Sèle, B.
Pregnancy after oocyte collection and total ovariectomy [Sèle & others] 320(26):1756–c
Selkoe, D. J.
Aging, amyloid, and Alzheimer's disease [Selkoe] 320(22): 1484–e
Selwyn, P. A.
Prospective study of the risk of tuberculosis among intravenous drug users with human immunodeficiency virus infection [Selwyn & others] 320(9):545*
Use of the polymerase chain reaction for early detection of the proviral sequences of human immunodeficiency virus in infants born to seropositive mothers [Rogers & others] 320(25):1649*; [Katz & Wilfert] 320(25):1687–e

Seravalli, E. P.
Physician and the dying patient [Scofield & others] 320(23): 1557–c
Servidei, S.
Mitochondrial DNA deletions in progressive external ophthalmoplegia and Kearns–Sayre syndrome [Moraes & others] 320(20):1293*; [Harding] 320(20):1341–e
Seward, J. B.
Polycystic kidney disease [Cheng & others] 320(11):737–c
Sforza, P. P.
Elevated levels of creatine kinase BB isoenzyme in three patients with adult osteopetrosis [Yoneyama & others] 320(19):1284–c
Shabetai, R.
Comparison of oral milrinone, digoxin, and their combination in the treatment of patients with chronic heart failure [DiBianco & others] 320(11):677*; [Cohn] 320(11): 729–e
Shah, S. C.
Randomized trial of intensive insulin therapy in newly diagnosed insulin-dependent diabetes mellitus [Shah & others] 320(9):550*
Shanahan, F.
Screening for celiac disease [Beutner & others] 320(16): 1087–c
Shane, E.
Abnormalities in parathyroid hormone secretion and 1,25-dihydroxyvitamin D_3 formation in women with osteoporosis [Silverberg & others] 320(5):277*; [Franz & others] 320(25):1697–c
Shannon, K. M.
Multicenter study of autologous adrenal medullary transplantation to the corpus striatum in patients with advanced Parkinson's disease [Goetz & others] 320(6):337*
Shanske, S.
Mitochondrial DNA deletions in progressive external ophthalmoplegia and Kearns–Sayre syndrome [Moraes & others] 320(20):1293*; [Harding] 320(20):1341–e
Shapiro, S.
"Low yield" cigarettes and the risk of nonfatal myocardial infarction in women [Palmer & others] 320(24):1569*; [Benowitz] 320(24):1619–e
Sharer, L. R.
Intravenous infusion of zidovudine (AZT) in children with HIV infection [Lischner & others] 320(12):805–c
Sharma, A. D.
Longitudinal electrophysiologic assessment of asymptomatic patients with the Wolff–Parkinson–White electrocardiographic pattern [Klein & others] 320(19):1229*
Sharpe, D. N.
Effect of intravenous streptokinase as compared with that of tissue plasminogen activator on left ventricular function after first myocardial infarction [White & others] 320(13): 817*; [Rapaport] 320(13):861–e
Shatila, A. H.
Efficacy of adjuvant chemotherapy in high-risk node-negative breast cancer: an intergroup study [Mansour & others] 320(8):485*; [Relman] 320(8):525–e; [McGuire] 320(8): 525–e; [DeVita] 320(8):527–e
Shaw, M. A.
Low levels of high-affinity growth hormone–binding protein in African pygmies [Baumann & others] 320(26): 1705*
Shaw, S.
Atrial natriuretic factor and sodium intake in offspring of hypertensive and normotensive parents [van Hooft & others] 320(13):867–c
Shaw, W. J.
Book Review of *Child Molester: An integrated approach to evaluation and treatment.* (Barnard & others) [Shaw] 320(16): 1091–br
Shea, S. A.
Breathing patterns in recipients of heart–lung transplants [Systrom & others] 320(10):669–c
Sheikh, M. S.
Effect of the time of administration of calcium acetate on phosphorus binding [Schiller & others] 320(17):1110*; [Coburn & Salusky] 320(17):1140–e
Sheinfeld, J.
Association of the Lewis blood-group phenotype with recurrent urinary tract infections in women [Sheinfeld & others] 320(12):773*; [Schoolnik] 320(12):804–e
Shenep, J. L.
Antibiotics for the treatment of febrile children with neutropenia and cancer [Rubin & others] 320(14):939–c
Sherman, P. M.
Microvillus inclusion disease: an inherited defect of brush-border assembly and differentiation [Cutz & others] 320(10):646–mi
Sherwood, D. J.
Eye injuries to football players [Sherwood] 320(11):742–c
Sherwood, K.
Treatment of children with port-wine stains using the flashlamp-pulsed tunable dye laser [Tan & others] 320(7): 416*
Shesser, R. F.
Care of the VIP patient [O'Leary & others] 320(15): 1016–c
Shibata, H.
Eight-year results of a randomized clinical trial comparing total mastectomy and lumpectomy with or without irradiation in the treatment of breast cancer [Fisher & others] 320(13):822*
Randomized clinical trial evaluating tamoxifen in the treatment of patients with node-negative breast cancer who have estrogen-receptor–positive tumors [Fisher & others] 320(8):479*; [Relman] 320(8):525–e; [McGuire] 320(8): 525–e; [DeVita] 320(8):527–e
Shiboski, S.
Relation of serum antilymphocyte antibodies to the development of AIDS in HIV-seropositive men [Anderson & others] 320(26):1754–c
Shiono, P. H.
Safety and efficacy of chorionic villus sampling for early prenatal diagnosis of cytogenetic abnormalities [Rhoads & others] 320(10):609*; [Mennuti] 320(10):661–e
Shneider, B.
Exposure to di(2-ethylhexyl) phthalate in infants receiving extracorporeal membrane oxygenation [Shneider & others] 320(23):1563–c
Sho, N.
Autoimmune hyperchylomicronemia [Kihara & others] 320(19):1255–mi; [Brunzell & Austin] 320(19):1273–e
Shoemaker, C. B.
Use of recombinant antihemophilic factor in the treatment of two patients with classic hemophilia [White & others] 320(3):166–mi
Shoeman, R. L.
Antibodies to HIV in saliva [Shoeman & others] 320(17): 1145–c
Shore-Freedman, E.
Recurrence of thyroid nodules after surgical removal in patients irradiated in childhood for benign conditions [Fogelfeld & others] 320(13):835*
Shulman, A. G.
More on heparin for prevention of atherosclerosis [Goldstein & Shulman] 320(13):866–c
Sidorovich, L.
Eight-year results of a randomized clinical trial comparing total mastectomy and lumpectomy with or without irradiation in the treatment of breast cancer [Fisher & others] 320(13):822*
Siegel, J. P.
Informed consent in interhospital patient transfer [Siegel & others] 320(4):258–c
Siegelson, H. J.
Medical disaster management in the United States [Siegelson & Kaplan] 320(14):941–c

Sienko, D. G.
Need for quality assurance in mammography [Sienko & others] 320(14):941–c
Sigman, G. S.
Bulimia nervosa [Sigman & others] 320(11):735–c
Signore, L.
Randomized, double-blind six-month trial of prednisone in Duchenne's muscular dystrophy [Mendell & others] 320(24):1592*; [Brown] 320(24):1621–e
Silbergeld, A.
Child with phenotypic Laron dwarfism and normal somatomedin levels [Laron & others] 320(25):1698–c
Silbergeld, E. K.
Cancer-causing substances in food, drugs, and cosmetics [Schultz & others] 320(14):934–c
Silberstein, D. J.
Racial differences in drug response: altered sensitivity to and clearance of propranolol in men of Chinese descent as compared with American whites [Zhou & others] 320(9):565*; [Kalow] 320(9):588–e
Silverberg, S. J.
Abnormalities in parathyroid hormone secretion and 1,25-dihydroxyvitamin D_3 formation in women with osteoporosis [Silverberg & others] 320(5):277*; [Franz & others] 320(25):1697–c
Silverman, A.
Ursodeoxycholic acid and gallstones during weight loss [Seaton & others] 320(20):1351–c
Sima, A. A. F.
Pathogenesis of diabetic neuropathy [Winegrad & others] 320(1):57–c
Simmons, D. A.
Pathogenesis of diabetic neuropathy [Winegrad & others] 320(1):57–c
Simmons, R. L.
Randomized, placebo-controlled trial of oral acyclovir for the prevention of cytomegalovirus disease in recipients of renal allografts [Balfour & others] 320(21):1381*
Simms, G.
Amyloid A4 protein and its precursor in Down's syndrome and Alzheimer's disease [Rumble & others] 320(22):1446*; [Selkoe] 320(22):1484–e
Simon, R.
Diltiazem and mortality and reinfarction after myocardial infarction [Durrleman & others] 320(2):123–c
Simonetti, B. M.
Improvement of renal function with selective thromboxane antagonism in lupus nephritis [Pierucci & others] 320(7):421*
Simons, J.
ICRF-187 and doxorubicin-induced cardiac toxicity [Halliwell & others] 320(6):399–c
Simpson, J. L.
Safety and efficacy of chorionic villus sampling for early prenatal diagnosis of cytogenetic abnormalities [Rhoads & others] 320(10):609*; [Mennuti] 320(10):661–e
Simpson, N. E.
Randomized trial of intensive insulin therapy in newly diagnosed insulin-dependent diabetes mellitus [Shah & others] 320(9):550*
Simpson, T. W.
Book Review of *Parasitic Infections in the Compromised Host.* (Walzer & Genta) [Simpson] 320(21):1433–br
Book Review of *Parasitic Infections.* (Leech & others) [Simpson] 320(21):1433–br
Sindet-Pedersen, S.
Hemostatic effect of tranexamic acid mouthwash in anticoagulant-treated patients undergoing oral surgery [Sindet-Pedersen & others] 320(13):840*
Singer, D. E.
Risk of stroke from carotid bruits [Bartlett & others] 320(14):936–c
Singer, F.
High monounsaturated fat diet for non-insulin-dependent diabetes mellitus [Truswell & others] 320(8):535–c
Singer, I.
More on therapy for hyperkalemia in renal insufficiency [Batlle & others] 320(22):1496–c
Singer, J.
Graft-versus-host disease as adoptive immunotherapy in patients with advanced hematologic neoplasms [Sullivan & others] 320(13):828*
Singh, G.
Mitochondrial DNA mutation as a cause of Leber's hereditary optic neuropathy [Singh & others] 320(20):1300*; [Harding] 320(20):1341–e
Sinnett, E.
Treatment of respiratory failure in preterm infants [Froese & others] 320(25):1694–c
Skapek, S. X.
Dexamethasone therapy for bacterial meningitis [Skapek & others] 320(7):463–c
Skarf, B.
Ophthalmic use of cocaine and the urine test for benzoylecgonine [Bralliar & others] 320(26):1757–c
Skelton, T. N.
Contrast nephrotoxicity: a randomized controlled trial of a nonionic and an ionic radiographic contrast agent [Schwab & others] 320(3):149*; [Brezis & Epstein] 320(3):179–e
Skillman, J. J.
MGH Case Records (Case 18-1989): A 52-year-old woman with left-lower-quadrant abdominal pain, fever, and splenic infarcts [Skillman & Southern] 320(18):1201–cpc
Skingley, L.
Comparison of high-dose with low-dose subcutaneous heparin to prevent left ventricular mural thrombosis in patients with acute transmural anterior myocardial infarction [Turpie & others] 320(6):352*; [Fuster & Halperin] 320(6):392–e
Sklar, J.
Detection of Epstein–Barr viral genomes in Reed–Sternberg cells of Hodgkin's disease [Weiss & others] 320(8):502*; [Jaffe] 320(8):529–e
Skolnick, M. H.
Common inheritance of susceptibility to colonic adenomatous polyps and associated colorectal cancers [Moolgavkar & others] 320(5):316–c
Slamon, D. J.
HIV-1, HIV-2, and HTLV-I infection in high-risk groups in Brazil [Cortes & others] 320(15):953*; [Quinn & others] 320(15):1005–e
Slater, J. E.
Rubber anaphylaxis [Slater] 320(17):1126–mi
Slichter, S. J.
Mechanisms of response to treatment in autoimmune thrombocytopenic purpura [Gernsheimer & others] 320(15):974*
Sloan, J. H.
Handgun regulations, crime, assaults, and homicide: a tale of two cities [Blackman & others] 320(18):1214–c
Sloman, J.
Environmental exposure to lead and cognitive deficits in children [Sargent & others] 320(9):595–c
Smeltzer, J. S.
Effects of liability fears [Smeltzer & Challoner] 320(18):1221–c
Smilkstein, M. J.
N-acetylcysteine in the treatment of acetaminophen overdose [Westman & others] 320(21):1417–c
Smillie, J. G.
Hired help: a physician's experiences in a for-profit staff-model HMO [Hudson & others] 320(3):185–c
Smith, A. L.
Dexamethasone therapy for bacterial meningitis [Skapek & others] 320(7):463–c
Smith, J. C.
Analgesic use and chronic renal disease [Sandler & others] 320(19):1238*; [Bennett & DeBroe] 320(19):1269–e

Smith, M. S.
Care of the VIP patient [O'Leary & others] 320(15):1016–c
Smith, R. S.
Familial hypobetalipoproteinemia associated with a mutant species of apolipoprotein B (B-46) [Young & others] 320(24):1604–mi
Smith, S. H.
Valvular heart disease in systemic lupus erythematosus [Crozier & others] 320(11):739–c
Sninsky, J. J.
Human immunodeficiency virus type 1 infection in homosexual men who remain seronegative for prolonged periods [Imagawa & others] 320(22):1458*; [Haseltine] 320(22): 1487–c
Snoke, W.
How do house officers spend their nights? A time study of internal medicine house staff on call [Lurie & others] 320(25):1673–sa; [Mellinkoff] 320(25):1689–c
Snyder, S. H.
Calcium-antagonist receptors in the atrial tissue of patients with hypertrophic cardiomyopathy [Wagner & others] 320(12):755*; [Braunwald] 320(12):800–c
Snyder, S. M.
Familial hypobetalipoproteinemia associated with a mutant species of apolipoprotein B (B-46) [Young & others] 320(24):1604–mi
Sobol, R. E.
Hormone-negative, chromogranin A–positive endocrine tumors [Sobol & others] 320(7):444–mi
Socinski, M. A.
Recombinant GM-CSF in myelosuppression of chemotherapy [Pollak & others] 320(4):253–c
Soergel, K. H.
Treatment of diversion colitis with short-chain–fatty acid irrigation [Harig & others] 320(1):23*
Soler-Soler, J.
Valvular heart disease in systemic lupus erythematosus [Crozier & others] 320(11):739–c
Solimena, M.
Plasmapheresis in the treatment of stiff-man syndrome [Vicari & others] 320(22):1499–c
Soll, A. H.
Gastric acid secretion in systemic mastocytosis [Cherner & others] 320(23):1562–c
Soll, R. F.
Multicenter randomized, placebo-controlled trial of surfactant therapy for respiratory distress syndrome [Horbar & others] 320(15):959*
Solomon, L. R.
False positive HIV antibody reaction due to transfusion-induced HLA-DR4 sensitization [Yu & others] 320(22): 1495–c
Solomon, S. D.
We need ethical guidelines for promotion of prescription drugs to physicians [Solomon] 320(25):1700–c
Soloniuk, L.
Book Review of *Risk and Outcome in Anesthesia.* (Brown) [Soloniuk & McPeek] 320(11):743–br
Sondel, P. M.
Tumor-infiltrating lymphocytes and interleukin-2 in melanomas [Sondel & others] 320(21):1418–c
Sondheimer, H. M.
Treatment of pulmonary hemangiomatosis with recombinant interferon alfa-2a [White & others] 320(18):1197–mi; [Folkman] 320(18):1211–c
Sorensen, J. L.
Changes in needle sharing and syringe cleaning among San Francisco drug abusers [Sorensen & others] 320(12):807–c
Sosman, J. A.
Tumor-infiltrating lymphocytes and interleukin-2 in melanomas [Sondel & others] 320(21):1418–c
Soto-Aguilar, M. C.
HTLV-I polymyositis in a patient also infected with the human immunodeficiency virus [Wiley & others] 320(15): 992–mi
Soumerai, S. B.
Use of psychoactive medication and the quality of care in rest homes: findings and policy implications of a statewide study [Avorn & others] 320(4):227–sa
Southern, J. F.
MGH Case Records (Case 18-1989): A 52-year-old woman with left-lower-quadrant abdominal pain, fever, and splenic infarcts [Skillman & Southern] 320(18):1201–cpc
MGH Case Records (Case 22-1989): Sudden collapse of a 17-year-old girl during exertion [Liberthson & Southern] 320(22):1475–cpc
Souza, L.
Effects of human granulocyte colony-stimulating factor in a patient with idiopathic neutropenia [Jakubowski & others] 320(1):38–mi
Souza, L. M.
Effects of recombinant human granulocyte colony-stimulating factor on neutropenia in patients with congenital agranulocytosis [Bonilla & others] 320(24):1574*
Treatment of cyclic neutropenia with granulocyte colony-stimulating factor [Hammond & others] 320(20):1306*; [Quesenberry] 320(20):1343–c
Spaeth, G. L.
Resource-based relative-value scale for physicians' reimbursement [Cook & others] 320(8):533–c
Speechley, M.
Prevention of falls among the elderly [Tinetti & Speechley] 320(16):1055–mi
Speyer, J. L.
ICRF-187 and doxorubicin-induced cardiac toxicity [Halliwell & others] 320(6):399–c
Spielman, A.
Lyme disease [Hamlet & others] 320(24):1626–c
Rapid emergence of a focal epidemic of Lyme disease in coastal Massachusetts [Lastavica & others] 320(3):133*; [Hamlet & others] 320(24):1626–c
Spire, J.-P.
Book Review of *Electroencephalography: Basic principles, clinical applications, and related fields.* 2nd ed. (Niedermeyer & Lopes da Silva) [Spire] 320(2):128–br
Spirito, P.
Clinical course and prognosis of hypertrophic cardiomyopathy in an outpatient population [Spirito & others] 320(12): 749*; [Braunwald] 320(12):800–c
Spiro, A. J.
Mitochondrial DNA deletions in progressive external ophthalmoplegia and Kearns–Sayre syndrome [Moraes & others] 320(20):1293*; [Harding] 320(20):1341–c
Spiro, H.
Book Review of *Taste of My Own Medicine: When the doctor is the patient.* (Rosenbaum) [Spiro] 320(23):1567–br
Spital, A.
More on therapy for hyperkalemia in renal insufficiency [Batlle & others] 320(22):1496–c
Spitzer, P. G.
Transmission of HIV infection from a woman to a man by oral sex [Spitzer & Weiner] 320(4):251–c
Spodick, D. H.
Aspirin, heparin, or both to treat unstable angina [Spodick & others] 320(15):1014–c
Atrial natriuretic peptide and pulmonary edema [Spodick] 320(10):671–c
Springfield, D. S.
Morality for the medical–industrial complex [Sulmasy & others] 320(16):1082–c
Srinivasan, A.
Acute fatal HIV encephalitis with negative serologic assays for antibody and antigen: diagnosis by polymerase chain reaction [Varma & others] 320(22):1494–c
Stadius, M. L.
Occlusive coronary-artery spasm as a cause of acute myocar-

dial infarction after coronary-artery bypass grafting [Fischell & others] 320(6):400–c

Stahlman, M. T.
Medical complications in premature infants: is treatment enough? [Stahlman] 320(23):1551–e

Staines, A.
Treatment of respiratory failure in preterm infants [Froese & others] 320(25):1694–c

Stamm, W. E.
Nosocomial acquisition of *Clostridium difficile* infection [McFarland & others] 320(4):204*

Stanat, S. C.
Progressive disease due to ganciclovir-resistant cytomegalovirus in immunocompromised patients [Erice & others] 320(5):289–mi; [Hirsch & Schooley] 320(5):313–e

Stanford University Medical Center Committee on Ethics
Animal care at Stanford [Novic & others] 320(5):322–c
Ethical use of human fetal tissue in medicine [Greely & others] 320(16):1093–sr; [Annas & Elias] 320(16):1079–sb

Stanger, B. Z.
Mapping the gene for hereditary cutaneous malignant melanoma–dysplastic nevus to chromosome 1p [Bale & others] 320(21):1367*

Stankaitis, J. A.
Recognizing the alcoholic patient [Rudzinski & Stankaitis] 320(2):125–c

Stanton-Hicks, M.
Book Review of *Neonatal Anesthesia.* (Cook & Marcy) [Stanton-Hicks] 320(11):742–br

Stapleton, J. T.
Randomized, placebo-controlled trial of oral acyclovir for the prevention of cytomegalovirus disease in recipients of renal allografts [Balfour & others] 320(21):1381*

Starchild, A.
Mandatory testing for HIV in federal prisons [Starchild & Quinlan] 320(5):315–c

Stare, F. J.
Book Review of *Paleolithic Prescription: A program of diet and exercise and a design for living.* (Eaton & others) [Stare] 320(23):1567–br

Staritz, M.
Is extracorporeal biliary lithotripsy painless? My experience with three shock-wave sources [Staritz] 320(12):811–c

Stark, P.
Ultraviolet radiation and formation of cataracts [Kozart & others] 320(19):1285–c

Stark, P. M.
Book Review of *Atlas of Mammography: Histologic and mammographic correlations.* 2nd ed. (Martin) [Stark] 320(8):541–br

Starzl, T. E.
Aplastic anemia after liver transplantation for non-A, non-B hepatitis [Forbes & others] 320(2):122–c
Efficacy of liver transplantation in patients with primary biliary cirrhosis [Markus & others] 320(26):1709*

Stebbins, G.
Multicenter study of autologous adrenal medullary transplantation to the corpus striatum in patients with advanced Parkinson's disease [Goetz & others] 320(6):337*

Stecklein, H.
Gamma globulin deficiency in newborns with congenital nephrotic syndrome [Mathias & others] 320(6):398–c, 320(18):1227–x

Steele, R. J. C.
Randomized trial of nonoperative treatment for perforated peptic ulcer [Crofts & others] 320(15):970*

Steere, A. C.
Lack of antibodies to *Borrelia burgdorferi* in patients with amyotrophic lateral sclerosis [Mandell & others] 320(4):255–c

Stefanick, M. L.
Changes in lipoproteins during weight loss [Massé & others] 320(10):668–c

Stefanowicz, R.
Cancer [Stefanowicz] 320(13):872–c

Steffes, M. W.
Glomerular lesions and urinary albumin excretion in Type I diabetes without overt proteinuria [Chavers & others] 320(15):966*

Stein, M. T.
Book Review of *Pediatric Medicine.* (Avery & First) [Stein & Merritt] 320(20):1358–br

Steinberg, D.
Beyond cholesterol: modifications of low-density lipoprotein that increase its atherogenicity [Steinberg & others] 320(14):915–mi

Steinberg, J. B.
Book Review of *Ambulatory Pediatric Care.* (Dershewitz) [Steinberg] 320(1):64–br

Steinberg, S. P.
Persistence of immunity to varicella in children with leukemia immunized with live attenuated varicella vaccine [Gershon & others] 320(14):892*

Steinkuller, P. G.
Book Review of *Atlas of Corneal Disease.* (Mandel & Wagoner) [Steinkuller] 320(18):1225–br

Stern, E.
Holiday heart Type II [Kukin & others] 320(6):402–c

Stern, G.
Did Leonardo describe Parkinson's disease? [Calne & others] 320(9):594–c

Stern, M. P.
Increased insulin concentrations in nondiabetic offspring of diabetic parents [Ferner & others] 320(19):1282–c

Stern, R. S.
When a uniquely effective drug is teratogenic: the case of isotretinoin [Stern] 320(15):1007–sb

Stevens, R. G.
Body iron stores and the risk of cancer [Yip & others] 320(15):1012–c

Stewart, D. H., Jr.
Ideal of continuous improvement [Gild & others] 320(21):1424–c

Stewart, P.
Effect of HLA compatibility on engraftment of bone marrow transplants in patients with leukemia or lymphoma [Anasetti & others] 320(4):197*

Stewart, T. D.
Book Review of *Sexuality and Chronic Illness: A comprehensive approach.* (Schover & Jensen) [Stewart] 320(5):324–br

Stewart, W.
Conflict-of-interest guidelines for a multicenter clinical trial of treatment after coronary-artery bypass-graft surgery [Healy & others] 320(14):949–sr; [Relman] 320(14):933–e

Stiller, R. L.
Effect of nicotine on energy expenditure during light physical activity [Perkins & others] 320(14):898*; [Rigotti] 320(14):931–e

Stineman, M.
Effects of PPS on the care of elderly patients with hip fracture [Cogen & others] 320(13):871–c

St. John, R. K.
AIDS in the Americas: an emerging public health crisis [Quinn & others] 320(15):1005–e

Stoddart, G. L.
Controlling health expenditures — the Canadian reality [Evans & others] 320(9):571–sa; [Relman] 320(9):590–e

Stolec, R. M.
Federal spending for illness caused by the human immunodeficiency virus [Winkenwerder & others] 320(24):1598–sa; [Rogers] 320(24):1623–e

Stolinsky, D. C.
Handgun regulations, crime, assaults, and homicide: a tale of two cities [Blackman & others] 320(18):1214–c

Stone, A.
Physician's responsibility toward hopelessly ill patients: a

second look [Wanzer & others] 320(13):844–sa
Stopa, E. G.
Brain donation [Stopa & Bird] 320(1):62–c
Storb, R.
Effect of HLA compatibility on engraftment of bone marrow transplants in patients with leukemia or lymphoma [Anasetti & others] 320(4):197*
Graft-versus-host disease as adoptive immunotherapy in patients with advanced hematologic neoplasms [Sullivan & others] 320(13):828*
Storer, B.
Tumor-infiltrating lymphocytes and interleukin-2 in melanomas [Sondel & others] 320(21):1418–c
Storm, F. K.
Book Review of *Breast Cancer: Collaborative management.* (Harness & others) [Storm] 320(8):540–br
Book Review of *Cancer of the Breast.* 3rd ed. (Donegan & Spratt) [Storm] 320(8):540–br
Book Review of *Controversies in Breast Disease.* (Grundfest-Broniatowski & Esselstyn) [Storm] 320(8):540–br
Stoto, M. A.
Screening for human immunodeficiency virus infections [Stoto & others] 320(7):461–c
Straaton, K. V.
Valvular heart disease in systemic lupus erythematosus [Crozier & others] 320(11):739–c
Strain, G. W.
High monounsaturated fat diet for non-insulin-dependent diabetes mellitus [Truswell & others] 320(8):535–c
Strange, M. J.
Randomized, controlled trial of very early prophylactic ligation of the ductus arteriosus in babies who weighed 1000 g or less at birth [Cassady & others] 320(23):1511*; [Stahlman] 320(23):1551–e
Stratton, J.
Mechanisms of response to treatment in autoimmune thrombocytopenic purpura [Gernsheimer & others] 320(15):974*
Strauchen, J. A.
Kikuchi's disease as a cause of fever of unknown origin [Pearl & Strauchen] 320(17):1147–c
Strauss, R. H.
Abrasive shirts may contribute to herpes gladiatorum among wrestlers [Strauss & others] 320(9):598–c
Stronge, J. M.
Program to lower cesarean section rates [Golde & others] 320(25):1692–c
Stryker, J.
Practicing intubation of the newly dead [Stryker & others] 320(6):396–c
Suarez-Cervera, M.
Community outbreaks of asthma associated with inhalation of soybean dust [Antó & others] 320(17):1097*
Suffredini, A. F.
Promotion and subsequent inhibition of plasminogen activation after administration of intravenous endotoxin to normal subjects [Suffredini & others] 320(18):1165*; [Colman] 320(18):1207–e
Sugar, A. M.
Case 49-1988: *Histoplasma capsulatum* or *Blastomyces dermatitidis*? [Sugar & Mark] 320(25):1699–c
Sugarbaker, D. J.
Book Review of *Management of Esophageal Disease.* (Skinner & Belsey) [Sugarbaker] 320(24):1631–br
Sugimoto, T.
Release of endogenous digitalis-like factor with sodium loading [Goto & others] 320(2):124–c
Sugita, H.
Mosaic expression of dystrophin in symptomatic carriers of Duchenne's muscular dystrophy [Arahata & others] 320(3):138*
Sullinger, J. C.
MGH Case Records (Case 12-1989): A 24-year-old Haitian man with right flank pain and recent fever [Carpenter & Sullinger] 320(12):790–cpc
Sullivan, C.
Absence of immunoreactive vasoactive intestinal polypeptide in tissue from the lungs of patients with asthma [Ollerenshaw & others] 320(19):1244*; [Said] 320(19):1271–e
Sullivan, J. L.
Severe herpesvirus infections in an adolescent without natural killer cells [Biron & others] 320(26):1731–mi; [Ritz] 320(26):1748–e
Sullivan, K. M.
Effect of HLA compatibility on engraftment of bone marrow transplants in patients with leukemia or lymphoma [Anasetti & others] 320(4):197*
Graft-versus-host disease as adoptive immunotherapy in patients with advanced hematologic neoplasms [Sullivan & others] 320(13):828*
Sulmasy, D. P.
Morality for the medical–industrial complex [Sulmasy & others] 320(16):1082–c
Sunyer, J.
Community outbreaks of asthma associated with inhalation of soybean dust [Antó & others] 320(17):1097*
Superko, H. R.
Changes in lipoproteins during weight loss [Massé & others] 320(10):668–c
Suratt, P. M.
Severity of sleep apnea and automobile crashes [Findley & others] 320(13):868–c
Surcel, H.-M.
Comparison of childhood and adult Type I diabetes mellitus [Karjalainen & others] 320(14):881*
Surh, C. D.
Detection of autoantibodies to recombinant mitochondrial proteins in patients with primary biliary cirrhosis [Van de Water & others] 320(21):1377*
Susser, M.
Alcohol consumption and withdrawal in new-onset seizures [Edelsberg & others] 320(9):596–c
Sutherland, C.
Randomized clinical trial evaluating sequential methotrexate and fluorouracil in the treatment of patients with node-negative breast cancer who have estrogen-receptor–negative tumors [Fisher & others] 320(8):473*; [Relman] 320(8):525–e; [McGuire] 320(8):525–e; [DeVita] 320(8):527–e
Sutherland, J. M.
Multicenter randomized, placebo-controlled trial of surfactant therapy for respiratory distress syndrome [Horbar & others] 320(15):959*
Suto, K.
Glycogen storage disease associated with Niemann–Pick disease [Narita & others] 320(12):810–c
Sutton, S. K.
Hired help: a physician's experiences in a for-profit staff-model HMO [Hudson & others] 320(3):185–c
Swan, D.
Acute fatal HIV encephalitis with negative serologic assays for antibody and antigen: diagnosis by polymerase chain reaction [Varma & others] 320(22):1494–c
Swanson, D. W.
Book Review of *American Psychiatric Press Textbook of Psychiatry.* (Talbott & others) [Swanson] 320(2):130–br
Swenson, E. R.
Acute mountain sickness [Callen & others] 320(22):1492–c
Sysel, A.
Health and medical care in Ethiopia [Halbrooks & others] 320(17):1149–c
Systrom, D.
Breathing patterns in recipients of heart–lung transplants [Systrom & others] 320(10):669–c

T

Tajik, A. J.
Polycystic kidney disease [Cheng & others] 320(11):737–c
Takayama, M.
Effect of intravenous streptokinase as compared with that of tissue plasminogen activator on left ventricular function after first myocardial infarction [White & others] 320(13): 817*; [Rapaport] 320(13):861–e
Takkunen, H.
Body iron stores and the risk of cancer [Yip & others] 320(15):1012–c
Tan, O. T.
Treatment of children with port-wine stains using the flashlamp-pulsed tunable dye laser [Tan & others] 320(7): 416*
Tanaka, K.
Medium-chain acyl-CoA dehydrogenase deficiency [Millington & others] 320(18):1219–c
Tananbaum, J. B.
Prerenal failure [Iberti & others] 320(6):397–c
Tanner, C. M.
Multicenter study of autologous adrenal medullary transplantation to the corpus striatum in patients with advanced Parkinson's disease [Goetz & others] 320(6):337*
Tanowitz, H. B.
Eustrongylidiasis — a parasitic infection acquired by eating sushi [Wittner & others] 320(17):1124–mi; [Schantz] 320(17):1143–e
Tartar, A.
Persistent antibody response to the HIV-1-negative regulatory factor in HIV-1-infected seronegative persons [Ameisen & others] 320(4):251–c
Tarui, S.
Autoimmune hyperchylomicronemia [Kihara & others] 320(19):1255–mi; [Brunzell & Austin] 320(19):1273–e
Taube, D.
Thin-basement-membrane nephropathy [Dische & others] 320(26):1752–c
Tayloe, D. R.
Initiative to evaluate and improve medical practice [Tayloe & others] 320(16):1084–c
Taylor, H. R.
Ultraviolet radiation and formation of cataracts [Kozart & others] 320(19):1285–c
Taylor, P. R.
Body iron stores and the risk of cancer [Yip & others] 320(15):1012–c
Taylor, T. E.
Tumor necrosis factor and disease severity in children with falciparum malaria [Grau & others] 320(24):1586*
Tecce, M. A.
Oral iron and the Hemoccult test: a controversy on the teaching wards [Kulbaski & others] 320(22):1500–c
Temperley, I. J.
Aplastic anemia after liver transplantation for non-A, non-B hepatitis [Forbes & others] 320(2):122–c
Tenorio, F.
Human papillomavirus infection and cervical cancer in Latin America [Reeves & others] 320(22):1437*
Terblanche, J.
Controversies in the management of bleeding esophageal varices (in two parts) [Terblanche & others] 320(21): 1393–mp; 320(22):1469–mp
Terdiman, J. F.
Familial hypobetalipoproteinemia associated with a mutant species of apolipoprotein B (B-46) [Young & others] 320(24):1604–mi
Terhorst, C.
Immunodeficiency characterized by defective signal transduction in T lymphocytes [Chatila & others] 320(11): 696*
Terry, R. B.
Changes in lipoproteins during weight loss [Massé & others] 320(10):668–c
Terry, R. M.
Cannabis-resin foreign body in the ear [Thompson & Terry] 320(26):1758–c
Terz, J.
Eight-year results of a randomized clinical trial comparing total mastectomy and lumpectomy with or without irradiation in the treatment of breast cancer [Fisher & others] 320(13):822*
Randomized clinical trial evaluating tamoxifen in the treatment of patients with node-negative breast cancer who have estrogen-receptor–positive tumors [Fisher & others] 320(8):479*; [Relman] 320(8):525–c; [McGuire] 320(8): 525–e; [DeVita] 320(8):527–e
Theofilopoulos, A. N.
Pathogenic effect of IgG4 autoantibodies in endemic pemphigus foliaceus (fogo selvagem) [Rock & others] 320(22): 1463*
Théroux, P.
Aspirin, heparin, or both to treat unstable angina [Spodick & others] 320(15):1014–c
Thielman, S. B.
Book Review of *Task of Medicine: Dialogue at Wickenburg.* (White) [Thielman] 320(9):602–br
Thier, S. O.
Screening for human immunodeficiency virus infections [Stoto & others] 320(7):461–c
Thistle, J. L.
Dissolution of cholesterol gallbladder stones by methyl *tert*-butyl ether administered by percutaneous transhepatic catheter [Thistle & others] 320(10):633*; [Salen & Tint] 320(10):665–e
Tholl, W. G.
Controlling health expenditures — the Canadian reality [Evans & others] 320(9):571–sa; [Relman] 320(9):590–e
Thomas, E.
Incomprehensible hospital bills: educating the source [Thomas] 320(15):1017–c
Thomas, E. D.
Effect of HLA compatibility on engraftment of bone marrow transplants in patients with leukemia or lymphoma [Anasetti & others] 320(4):197*
Graft-versus-host disease as adoptive immunotherapy in patients with advanced hematologic neoplasms [Sullivan & others] 320(13):828*
Thomas, J.
Seronegative Lyme disease [Relman & others] 320(19): 1279–c
Thomas, J. A.
Animal care at Stanford [Novic & others] 320(5):322–c
Thomas, P. A.
Use of the polymerase chain reaction for early detection of the proviral sequences of human immunodeficiency virus in infants born to seropositive mothers [Rogers & others] 320(25):1649*; [Katz & Wilfert] 320(25):1687–e
Thomas, W. C., Jr.
Right renal trauma: a side effect of biliary lithotripsy [Williams & others] 320(11):739–c
Thommi, G.
Severity of sleep apnea and automobile crashes [Findley & others] 320(13):868–c
Thompson, A. C.
Cannabis-resin foreign body in the ear [Thompson & Terry] 320(26):1758–c
Thompson, D. C.
Case–control study of the effectiveness of bicycle safety helmets [Thompson & others] 320(21):1361*; [Callahan] 320(21):1412–e
Thompson, I. E.
Book Review of *In Vitro Fertilization and Other Assisted Reproduc-*

tion. (Jones & Schrader) [Thompson] 320(20):1355–br
Thompson, R. S.
Case–control study of the effectiveness of bicycle safety helmets [Thompson & others] 320(21):1361*; [Callahan] 320(21):1412–e
Thurn, J. R.
Experience with central venous catheters in patients with AIDS [Henry & others] 320(22):1496–c
Tickman, R.
Acute fatal HIV encephalitis with negative serologic assays for antibody and antigen: diagnosis by polymerase chain reaction [Varma & others] 320(22):1494–c
Tiebosch, A. T. M. G.
Thin-basement-membrane nephropathy [Dische & others] 320(26):1752–c
Thin-basement-membrane nephropathy in adults with persistent hematuria [Tiebosch & others] 320(1):14*; [Glassock] 320(1):51–e; [Dische & others] 320(26):1752–c
TIMI Study Group
Comparison of invasive and conservative strategies after treatment with intravenous tissue plasminogen activator in acute myocardial infarction: results of the Thrombolysis in Myocardial Infarction (TIMI) Phase II Trial [TIMI Study Group] 320(10):618*; [Guerci & Ross] 320(10): 663–e
Timperi, R.
Effects of maternal marijuana and cocaine use on fetal growth [Zuckerman & others] 320(12):762*
Tinetti, M. E.
Prevention of falls among the elderly [Tinetti & Speechley] 320(16):1055–mi
Tint, G. S.
Nonsurgical treatment of gallstones [Salen & Tint] 320(10): 665–e
Tirer, S.
Handgun regulations, crime, assaults, and homicide: a tale of two cities [Blackman & others] 320(18):1214–c
Toivanen, A.
Yersinia antigens in synovial-fluid cells from patients with reactive arthritis [Granfors & others] 320(4):216*; [Mills] 320(4):245–e
Tomasella, G.
Detection of deep-vein thrombosis by real-time B-mode ultrasonography [Lensing & others] 320(6):342*
Tondo, M.
HIV-1, HIV-2, and HTLV-I infection in high-risk groups in Brazil [Cortes & others] 320(15):953*; [Quinn & others] 320(15):1005–e
Toouli, J.
Efficacy of endoscopic sphincterotomy after cholecystectomy in patients with sphincter-of-Oddi dysfunction [Geenen & others] 320(2):82*
Torgano, G.
Prediction of the first variceal hemorrhage [Ohara & others] 320(13):868–c
Tormey, D. C.
Efficacy of adjuvant chemotherapy in high-risk node-negative breast cancer: an intergroup study [Mansour & others] 320(8):485*; [Relman] 320(8):525–e; [McGuire] 320(8): 525–e; [DeVita] 320(8):527–e
Toronto Glomerulonephritis Study Group
Randomized controlled trial of prednisone in patients with idiopathic membranous nephropathy [Cattran & others] 320(4):210*; [Relman] 320(4):248–e
Torrance, G. W.
Controlling health expenditures — the Canadian reality [Evans & others] 320(9):571–sa; [Relman] 320(9): 590–e
Touchard, G.
Nonsecretory α-chain disease with immunoproliferative small-intestinal disease [Matuchansky & others] 320(23): 1534–mi
Toxicoepidemiological Committee
Community outbreaks of asthma associated with inhalation of soybean dust [Antó & others] 320(17):1097*
Tracey, E. J.
Small-bowel obstruction caused by oat-bran bezoar [Cooper & Tracey] 320(17):1148–c
Tramont, E. C.
Toward a better classification system for HIV infection [Redfield & Tramont] 320(21):1414–e
Trauner, J. B.
Book Review of *Demand for Quality: Measuring excellence in healthcare.* (Hospital Satellite Network) [Trauner] 320(9): 602–br
Treadwell, M. C.
Physician factor in cesarean birth rates [Goyert & others] 320(11):706–sa
Treadwell, T. L.
Enterically transmitted non-A, non-B hepatitis: importation from Mexico to Massachusetts [Fortier & others] 320(19): 1281–c
Tredger, M.
N-acetylcysteine in the treatment of acetaminophen overdose [Westman & others] 320(21):1417–c
Trepman, E.
Malpractice insurance: caught by the tail [Trepman] 320(5): 321–c
Tresoldi, M.
Plasmapheresis in the treatment of stiff-man syndrome [Vicari & others] 320(22):1499–c
Tricoire, J.
Prospective study of infants born to women seropositive for human immunodeficiency virus type 1 [Blanche & others] 320(25):1643*; [Katz & Wilfert] 320(25):1687–c
Trier, J. S.
Book Review of *Cell and Tissue Biology: A textbook of histology.* 6th ed. (Weiss) [Trier] 320(15):1019–br
Troche, B. I.
Methylene blue baby [Troche] 320(26):1756–c
Trosch, R. M.
"Bottoms up" dissection [Trosch & others] 320(23):1564–c
Trounson, A.
Controlled study of luteinizing hormone–releasing hormone agonist (buserelin) for the induction of folliculogenesis before in vitro fertilization [MacLachlan & others] 320(19): 1233*
Truog, R.
Exposure to di(2-ethylhexyl) phthalate in infants receiving extracorporeal membrane oxygenation [Shneider & others] 320(23):1563–c
Truog, W.
Treatment of respiratory failure in preterm infants [Froese & others] 320(25):1694–c
Truswell, A. S.
High monounsaturated fat diet for non-insulin-dependent diabetes mellitus [Truswell & others] 320(8):535–c
Tsukahara, T.
Mosaic expression of dystrophin in symptomatic carriers of Duchenne's muscular dystrophy [Arahata & others] 320(3):138*
Tuchman, M.
Persistent acitrullinemia after liver transplantation for carbamylphosphate synthetase deficiency [Tuchman] 320(22): 1498–c
Tucker, M. A.
Mapping the gene for hereditary cutaneous malignant melanoma–dysplastic nevus to chromosome 1p [Bale & others] 320(21):1367*
Tudge, J. R. H.
Teenagers' concerns about nuclear war [Poses & others] 320(2):127–c
Turhan, A. G.
Clonal hematopoiesis demonstrated by X-linked DNA poly-

morphisms after allogeneic bone marrow transplantation [Turhan & others] 320(25):1655*

Turner, J. W.
Eustrongylidiasis — a parasitic infection acquired by eating sushi [Wittner & others] 320(17):1124–mi; [Schantz] 320(17):1143–e

Turner, M. J.
Program to lower cesarean section rates [Golde & others] 320(25):1692–c

Turner, R. C.
Increased insulin concentrations in nondiabetic offspring of diabetic parents [Ferner & others] 320(19):1282–c

Turpie, A. G. G.
Comparison of high-dose with low-dose subcutaneous heparin to prevent left ventricular mural thrombosis in patients with acute transmural anterior myocardial infarction [Turpie & others] 320(6):352*; [Fuster & Halperin] 320(6):392–e

Turpie, I. D.
Urinary incontinence among elderly persons [Anderl & others] 320(21):1421–c

Tutton, P. J. M.
Common inheritance of susceptibility to colonic adenomatous polyps and associated colorectal cancers [Moolgavkar & others] 320(5):316–c

U

Udvarhelyi, G. B.
Book Review of *Sutured Words: Contemporary poetry about medicine.* (Mukand) [Udvarhelyi] 320(4):260–br

Uehlinger, J.
Successful treatment of an acquired von Willebrand factor antibody by extracorporeal immunoadsorption [Uehlinger & others] 320(4):254–c

Ungar, B. L. P.
Large community outbreak of cryptosporidiosis due to contamination of a filtered public water supply [Hayes & others] 320(21):1372*; [Olson] 320(21):1413–e

Urbano-Marquez, A.
Effects of alcoholism on skeletal and cardiac muscle [Urbano-Marquez & others] 320(7):409*; [Diamond] 320(7):458–e

V

Vaisberg, A.
Immune activation in measles [Griffin & others] 320(25): 1667*

Valenta, L. J.
Changes in lipoproteins during weight loss [Massé & others] 320(10):668–c

van Breda Vriesman, P. J. C.
Thin-basement-membrane nephropathy [Dische & others] 320(26):1752–c
Thin-basement-membrane nephropathy in adults with persistent hematuria [Tiebosch & others] 320(1):14*; [Glassock] 320(1):51–e; [Dische & others] 320(26):1752–c

Vandam, L. D.
Book Review of *Clinical Anatomy for Anesthesiologists.* (Snell & Katz) [Vandam] 320(11):743–br

Van den Brande, P.
Serum lactate dehydrogenase in small-cell lung cancer [Van den Brande & Demedts] 320(1).61–c

van der Meer, J. W. M.
Effect of dietary supplementation with n−3 polyunsaturated fatty acids on the synthesis of interleukin-1 and tumor necrosis factor by mononuclear cells [Endres & others] 320(5):265*

Van Deventer, G. M.
Randomized study of maintenance therapy with ranitidine to prevent the recurrence of duodenal ulcer [Van Deventer & others] 320(17):1113*

Van de Water, J.
Detection of autoantibodies to recombinant mitochondrial proteins in patients with primary biliary cirrhosis [Van de Water & others] 320(21):1377*

van de Wiel, T. W. M.
Thin-basement-membrane nephropathy [Dische & others] 320(26):1752–c
Thin-basement-membrane nephropathy in adults with persistent hematuria [Tiebosch & others] 320(1):14*; [Glassock] 320(1):51–e; [Dische & others] 320(26):1752–c

van Eys, J.
Physician's responsibility toward hopelessly ill patients: a second look [Wanzer & others] 320(13):844–sa

van Furth, R.
Chlamydia trachomatis pneumonia in an HIV-seropositive patient [Kroon & others] 320(12):806–c

van Hooft, I. M. S.
Atrial natriuretic factor and sodium intake in offspring of hypertensive and normotensive parents [van Hooft & others] 320(13):867–c

Van Niel, A.
Book Review of *Natural Obsessions: The search for the oncogene.* (Angier) [Van Niel] 320(14):944–br

Vannix, R. S.
Delayed death from ingestion of a toothpick [Bee & others] 320(10):673–c

van Rie, H.
Thin-basement-membrane nephropathy [Dische & others] 320(26):1752–c
Thin-basement-membrane nephropathy in adults with persistent hematuria [Tiebosch & others] 320(1):14*; [Glassock] 320(1):51–e; [Dische & others] 320(26):1752–c

Van Thiel, D. H.
Efficacy of liver transplantation in patients with primary biliary cirrhosis [Markus & others] 320(26):1709*

van't Wout, J. W.
Chlamydia trachomatis pneumonia in an HIV-seropositive patient [Kroon & others] 320(12):806–c

Varicella Vaccine Collaborative Study Group of the National Institute of Allergy and Infectious Diseases
Persistence of immunity to varicella in children with leukemia immunized with live attenuated varicella vaccine [Gershon & others] 320(14):892*

Varma, V. A.
Acute fatal HIV encephalitis with negative serologic assays for antibody and antigen: diagnosis by polymerase chain reaction [Varma & others] 320(22):1494–c

Vassalli, P.
Tumor necrosis factor and disease severity in children with falciparum malaria [Grau & others] 320(24):1586*

Vaughan, D. A.
Women in medical education [Vaughan & others] 320(20): 1348–c

Vazquez, L.
Community outbreaks of asthma associated with inhalation of soybean dust [Antó & others] 320(17):1097*

Vazzoler, M. C.
Prediction of the first variceal hemorrhage [Ohara & others] 320(13):868–c

Veber, F.
Prospective study of infants born to women seropositive for human immunodeficiency virus type 1 [Blanche & others] 320(25):1643*; [Katz & Wilfert] 320(25):1687–e

Vecchi, M.
Prediction of the first variceal hemorrhage [Ohara & others] 320(13):868–c

Vecchio, C.
Clinical course and prognosis of hypertrophic cardiomyopathy in an outpatient population [Spirito & others] 320(12): 749*; [Braunwald] 320(12):800–e

Veersema, D.
Pregnancy following transcervical transfer of oocyte and sperm [Veersema & others] 320(22):1499–c
Veersema, S.
Pregnancy following transcervical transfer of oocyte and sperm [Veersema & others] 320(22):1499–c
Venu, R. P.
Efficacy of endoscopic sphincterotomy after cholecystectomy in patients with sphincter-of-Oddi dysfunction [Geenen & others] 320(2):82*
Verdier, R.-I.
Treatment and prophylaxis of *Isospora belli* infection in patients with the acquired immunodeficiency syndrome [Pape & others] 320(16):1044*
Vermeiden, J. P. W.
Pregnancy following transcervical transfer of oocyte and sperm [Veersema & others] 320(22):1499–c
Vermund, S. H.
Prospective study of the risk of tuberculosis among intravenous drug users with human immunodeficiency virus infection [Selwyn & others] 320(9):545*
Vernick, D. M.
MGH Case Records (Case 14-1989): An 82-year-old woman with a complete left facial palsy and a left mastoid mass [Vernick & Goodman] 320(14):924–cpc
Verroust, F.
HIV infection in sexual partners of HIV-seropositive patients with hemophilia [Laurian & others] 320(3):183–c
Vial, M.
Prospective study of infants born to women seropositive for human immunodeficiency virus type 1 [Blanche & others] 320(25):1643*; [Katz & Wilfert] 320(25):1687–e
Vicari, A. M.
Plasmapheresis in the treatment of stiff-man syndrome [Vicari & others] 320(22):1499–c
Vidyasagar, D.
Multicenter randomized, placebo-controlled trial of surfactant therapy for respiratory distress syndrome [Horbar & others] 320(15):959*
Vigo, M.
Detection of deep-vein thrombosis by real-time B-mode ultrasonography [Lensing & others] 320(6):342*
Vilardell, M.
Valvular heart disease in systemic lupus erythematosus [Crozier & others] 320(11):739–c
Vilen, T. H.
Pathogenesis of diabetic neuropathy [Winegrad & others] 320(1):57–c
Villalobos, R.
Inadequacy of current labeling of nonophthalmic drops [Ling & others] 320(1):62–c
Vimpani, G. V.
Environmental exposure to lead and cognitive deficits in children [Sargent & others] 320(9):595–c
Vincent, M.
Effects of recombinant human granulocyte colony-stimulating factor on neutropenia in patients with congenital agranulocytosis [Bonilla & others] 320(24):1574*
Vinci, R.
Effects of maternal marijuana and cocaine use on fetal growth [Zuckerman & others] 320(12):762*
Visscher, B. R.
Human immunodeficiency virus type 1 infection in homosexual men who remain seronegative for prolonged periods [Imagawa & others] 320(22):1458*; [Haseltine] 320(22):1487–e
Visser, H.
Diethylcarbamazine and human loiasis [Jaccard & others] 320(5):320–c
Viswanathan, R.
Clonazepam in the treatment of steroid-induced mania in a patient after renal transplantation [Viswanathan & Glickman] 320(5):319–c
Vitagliano, P.
Prediction of the first variceal hemorrhage [Ohara & others] 320(13):868–c
Vittecoq, D.
Acute HIV infection after acupuncture treatments [Vittecoq & others] 320(4):250–c
Vogelman, J.
Hodgkin's disease and Epstein–Barr virus: altered antibody pattern before diagnosis [Mueller & others] 320(11):689*
Vogt, R. L.
Screening for human immunodeficiency virus infections [Stoto & others] 320(7):461–c
Volkman, D. J.
Seronegative Lyme disease [Relman & others] 320(19):1279–c
Volpicelli, J. R.
Comparative effectiveness and costs of inpatient and outpatient detoxification of patients with mild-to-moderate alcohol withdrawal syndrome [Hayashida & others] 320(6):358–sa; [Klerman] 320(6):394–e
Volpintesta, E. J.
Resource-based relative-value scale for physicians' reimbursement [Cook & others] 320(8):533–c
von Essen, R.
Yersinia antigens in synovial-fluid cells from patients with reactive arthritis [Granfors & others] 320(4):216*; [Mills] 320(4):245–e
Vranizan, K. M.
Changes in lipoproteins during weight loss [Massé & others] 320(10):668–c

W

Wade, H.
Controlled study of luteinizing hormone–releasing hormone agonist (buserelin) for the induction of folliculogenesis before in vitro fertilization [MacLachlan & others] 320(19):1233*
Wagner, J. A.
Calcium-antagonist receptors in the atrial tissue of patients with hypertrophic cardiomyopathy [Wagner & others] 320(12):755*; [Braunwald] 320(12):800–e
Walan, A.
Effect of omeprazole and ranitidine on ulcer healing and relapse rates in patients with benign gastric ulcer [Walan & others] 320(2):69*
Walker, A. T.
Prospective study of the risk of tuberculosis among intravenous drug users with human immunodeficiency virus infection [Selwyn & others] 320(9):545*
Wallace, D. C.
Mitochondrial DNA mutation as a cause of Leber's hereditary optic neuropathy [Singh & others] 320(20):1300*; [Harding] 320(20):1341–e
Waller, K.
Testosterone treatment for delayed growth [Waller & Richman] 320(18):1217–c
Walsh, J. H.
Randomized study of maintenance therapy with ranitidine to prevent the recurrence of duodenal ulcer [Van Deventer & others] 320(17):1113*
Walter Reed Retrovirus Research Group
Direct measurement of human immunodeficiency virus seroconversions in a serially tested population of young adults in the United States Army, October 1985 to October 1987 [McNeil & others] 320(24):1581*
Wang, A. M.
Neuroaxonal dystrophy due to lysosomal α-*N*-acetylgalactosaminidase deficiency [Schindler & others] 320(26):1735–mi
Wann, Z. F.
Direct measurement of human immunodeficiency virus seroconversions in a serially tested population of young adults

in the United States Army, October 1985 to October 1987 [McNeil & others] 320(24):1581*
Wanzer, S. H.
Physician's responsibility toward hopelessly ill patients: a second look [Wanzer & others] 320(13):844–sa
Wapner, R. J.
Safety and efficacy of chorionic villus sampling for early prenatal diagnosis of cytogenetic abnormalities [Rhoads & others] 320(10):609*; [Mennuti] 320(10):661–e
Ward, B. J.
Immune activation in measles [Griffin & others] 320(25): 1667*
Warden, S. S.
Book Review of *Difficult Diagnoses in Urology.* (McCullough) [Warden] 320(24):1632–br
Warin, J. F.
Closed-chest ablation of retrograde conduction in patients with atrioventricular nodal reentrant tachycardia [Haissaguerre & others] 320(7):426*; [Scheinman] 320(7): 460–e
Warnke, R. A.
Detection of Epstein–Barr viral genomes in Reed–Sternberg cells of Hodgkin's disease [Weiss & others] 320(8):502*; [Jaffe] 320(8):529–e
Warren, J.
Removing cockroaches from the auditory canal: a direct method [Warren & Rotello] 320(5):322–c
Wasilewski, S. A.
Book Review of *Pediatric Orthopedics in Clinical Practice.* 2nd ed. (Scoles) [Wasilewski] 320(1):64–br
Waternaux, C.
Environmental exposure to lead and cognitive deficits in children [Sargent & others] 320(9):595–c
Waxman, A. D.
Book Review of *Diagnostic Nuclear Medicine.* 2nd ed. (Gottschalk & others) [Waxman] 320(17):1152–br
Waxman, M.
Multicenter study of autologous adrenal medullary transplantation to the corpus striatum in patients with advanced Parkinson's disease [Goetz & others] 320(6):337*
Women in medical education [Vaughan & others] 320(20): 1348–c
Wears, R. L.
In-hospital outcome in patients with coronary artery disease in whom myocardial infarction has been ruled out [Fesmire & others] 320(21):1423–c
Weaver, W. D.
Automatic external defibrillator for out-of-hospital cardiac arrest [Kellermann & others] 320(10):670–c
Weber, P. C.
Effect of dietary supplementation with n−3 polyunsaturated fatty acids on the synthesis of interleukin-1 and tumor necrosis factor by mononuclear cells [Endres & others] 320(5):265*
Weber, S. N.
Bronchial hyperresponsiveness to methacholine in patients with impaired left ventricular function [Cabanes & others] 320(20):1317*; [Fishman] 320(20):1346–e
Weg, R. B.
Book Review of *Here Tomorrow: Making the most of life after fifty.* (Belsky) [Weg] 320(23):1566–br
Weiden, P. L.
Graft-versus-host disease as adoptive immunotherapy in patients with advanced hematologic neoplasms [Sullivan & others] 320(13):828*
Weidmann, P.
Atrial natriuretic factor and sodium intake in offspring of hypertensive and normotensive parents [van Hooft & others] 320(13):867–c
Weil, B.
IgA antigliadin antibodies as a possible marker for IgA mesangial glomerulonephritis in adults with primary glomerulonephritis [Rostoker & others] 320(19):1283–c
Weiland, H. T.
Chlamydia trachomatis pneumonia in an HIV-seropositive patient [Kroon & others] 320(12):806–c
Weinberg, C. R.
Analgesic use and chronic renal disease [Sandler & others] 320(19):1238*; [Bennett & DeBroe] 320(19):1269–e
Weinberg, E.
Hypoferremia: adaptation to disease? [Kent & Weinberg] 320(10):672–c
Weinberg, E. D.
Body iron stores and the risk of cancer [Yip & others] 320(15):1012–c
Weiner, N. J.
Transmission of HIV infection from a woman to a man by oral sex [Spitzer & Weiner] 320(4):251–c
Weiner, W. J.
Arsenic intoxication in a cocaine abuser [Lombard & others] 320(13):869–c
Weingarten, R.
Ethical use of human fetal tissue in medicine [Greely & others] 320(16):1093–sr; [Annas & Elias] 320(16):1079–sb
Weinrauch, V.
Plasma levels of atrial natriuretic peptide in transient left ventricular ischemia [Gasser & others] 320(26):1752–c
Weinstein, W. M.
Screening for celiac disease [Beutner & others] 320(16): 1087–c
Weir, D. G.
Aplastic anemia after liver transplantation for non-A, non-B hepatitis [Forbes & others] 320(2):122–c
Weisfeldt, M. L.
Calcium-antagonist receptors in the atrial tissue of patients with hypertrophic cardiomyopathy [Wagner & others] 320(12):755*; [Braunwald] 320(12):800–e
Weisman, H. F.
Calcium-antagonist receptors in the atrial tissue of patients with hypertrophic cardiomyopathy [Wagner & others] 320(12):755*; [Braunwald] 320(12):800–e
Weiss, L. M.
Detection of Epstein–Barr viral genomes in Reed–Sternberg cells of Hodgkin's disease [Weiss & others] 320(8):502*; [Jaffe] 320(8):529–e
Weiss, M. E.
Association of protamine IgE and IgG antibodies with life-threatening reactions to intravenous protamine [Weiss & others] 320(14):886*
Weiss, R.
Screening for human immunodeficiency virus infections [Stoto & others] 320(7):461–c
Weiss, S. J.
Tissue destruction by neutrophils [Weiss] 320(6):365–md
Weiss, T.
Fraud in biomedical research [Weiss & others] 320(1): 57–c
Weissman, N. W.
Initiative to evaluate and improve medical practice [Tayloe & others] 320(16):1084–c
Weitzman, M.
Environmental exposure to lead and cognitive deficits in children [Sargent & others] 320(9):595–c
Welch, W. K.
Book Review of *Cerebrospinal Fluid and the Brain Edemas.* (Milhorat) [Welch] 320(26):1759–br
Wells, C. K.
New prognostic staging system for the acquired immunodeficiency syndrome [Justice & others] 320(21):1388–sa
Wells, L. A.
Book Review of *Psyche and Schizophrenia: The bond between affect and logic.* (Ciompi) [Wells] 320(16):1089–br
Welte, K.
Effects of recombinant human granulocyte colony-stimulating factor on neutropenia in patients with congenital agranulocytosis [Bonilla & others] 320(24):1574*

Wendel, G. D.
Do physicians have an obligation to treat patients with AIDS? [Lennihan & others] 320(2):120–c
Wendelberger, K. J.
Dexamethasone therapy for bacterial meningitis [Skapek & others] 320(7):463–c
Wennberg, J. E.
Mortality and reoperation after open and transurethral resection of the prostate for benign prostatic hyperplasia [Roos & others] 320(17):1120–sa; [Greenfield] 320(17): 1142–e
Variations in rates of hospitalization of children in three urban communities [Perrin & others] 320(18):1183–sa; [Wise & Eisenberg] 320(18):1209–e
Wentworth, D.
Serum cholesterol levels and six-year mortality from stroke in 350,977 men screened for the multiple risk factor intervention trial [Iso & others] 320(14):904*
Werneck, L. C.
Mitochondrial DNA deletions in progressive external ophthalmoplegia and Kearns–Sayre syndrome [Moraes & others] 320(20):1293*; [Harding] 320(20):1341–e
Weryha, G.
Autosomal dominant spondyloarthropathy [Gaucher & others] 320(14):940–c
West, H. H.
Book Review of *Management of Wilderness and Environmental Emergencies*. 2nd ed. (Auerbach & Geehr) [West] 320(21): 1434–br
West, S. K.
Ultraviolet radiation and formation of cataracts [Kozart & others] 320(19):1285–c
Westman, L.
N-acetylcysteine in the treatment of acetaminophen overdose [Westman & others] 320(21):1417–c
Weyman, A. E.
Identification of high-risk and low-risk subgroups of patients with mitral-valve prolapse [Marks & others] 320(16): 1031*; [Devereux] 320(16):1077–e
Wheeler, E. O.
MGH Case Records (Case 19-1989): A 41-year-old woman with mitral stenosis, exertional dyspnea, and persistent hoarseness [Wheeler & Block] 320(19):1260–cpc
White, C.
Conflict-of-interest guidelines for a multicenter clinical trial of treatment after coronary-artery bypass-graft surgery [Healy & others] 320(14):949–sr; [Relman] 320(14):933–e
White, C. W.
Treatment of pulmonary hemangiomatosis with recombinant interferon alfa-2a [White & others] 320(18):1197–mi; [Folkman] 320(18):1211–e
White, G. C., II
Use of recombinant antihemophilic factor in the treatment of two patients with classic hemophilia [White & others] 320(3):166–mi
White, H. D.
Effect of intravenous streptokinase as compared with that of tissue plasminogen activator on left ventricular function after first myocardial infarction [White & others] 320(13): 817*; [Rapaport] 320(13):861–e
White, I.
Improving methods of screening for Down's syndrome [White & others] 320(6):401–c
Whitington, P. F.
Aplastic anemia after liver transplantation for non-A, non-B hepatitis [Forbes & others] 320(2):122–c
Whitlock, R. M. L.
Effect of intravenous streptokinase as compared with that of tissue plasminogen activator on left ventricular function after first myocardial infarction [White & others] 320(13): 817*; [Rapaport] 320(13):861–e
Wickerham, D. L.
Randomized clinical trial evaluating sequential methotrexate and fluorouracil in the treatment of patients with node-negative breast cancer who have estrogen-receptor–negative tumors [Fisher & others] 320(8):473*; [Relman] 320(8):525–e; [McGuire] 320(8):525–e; [DeVita] 320(8): 527–e
Randomized clinical trial evaluating tamoxifen in the treatment of patients with node-negative breast cancer who have estrogen-receptor–positive tumors [Fisher & others] 320(8):479*; [Relman] 320(8):525–e; [McGuire] 320(8): 525–e; [DeVita] 320(8):527–e
Wickerham, L.
Eight-year results of a randomized clinical trial comparing total mastectomy and lumpectomy with or without irradiation in the treatment of breast cancer [Fisher & others] 320(13):822*
Wiesner, R. H.
Efficacy of liver transplantation in patients with primary biliary cirrhosis [Markus & others] 320(26):1709*
Wigg, N. R.
Environmental exposure to lead and cognitive deficits in children [Sargent & others] 320(9):595–c
Wilber, J. F.
Book Review of *Textbook of Endocrine Physiology*. (Griffin & Ojeda) [Wilber] 320(10):674–br
Wilde, H.
Cigarette export promotion by the American government [Wilde] 320(9):600–c
Wiley, C. A.
HTLV-I polymyositis in a patient also infected with the human immunodeficiency virus [Wiley & others] 320(15): 992–mi
Wilfert, C. M.
Human immunodeficiency virus infection of newborns [Katz & Wilfert] 320(25):1687–e
Wilkinson, G. R.
Racial differences in drug response: altered sensitivity to and clearance of propranolol in men of Chinese descent as compared with American whites [Zhou & others] 320(9):565*; [Kalow] 320(9):588–e
Willerson, J. T.
High-output cardiac failure in multiple myeloma [Leporrier & others] 320(21):1419–c
Reduction in coronary restenosis with n−3 fatty acids [Berger & others] 320(7):465–c
Williams, A. D.
Chemoprophylaxis and treatment of malaria [Williams & others] 320(23):1561–c
Williams, C. M.
Right renal trauma: a side effect of biliary lithotripsy [Williams & others] 320(11):739–c
Williams, G. H.
Converting-enzyme inhibitors in the treatment of hypertension [Hume & others] 320(26):1750–c
Williams, H. J.
Dissolution of cholesterol gallbladder stones by methyl *tert*-butyl ether administered by percutaneous transhepatic catheter [Thistle & others] 320(10):633*; [Salen & Tint] 320(10):665–e
Williams, M. H., Jr.
Increasing severity of asthma from 1960 to 1987 [Williams] 320(15):1015–c
Williams, P. T.
Changes in lipoproteins during weight loss [Massé & others] 320(10):668–c
Williams, R.
Aplastic anemia after liver transplantation for non-A, non-B hepatitis [Forbes & others] 320(2):122–c
N-acetylcysteine in the treatment of acetaminophen overdose [Westman & others] 320(21):1417–c
Williams, T. H.
Efficacy of neonatal ocular prophylaxis for the prevention of chlamydial and gonococcal conjunctivitis [Hammerschlag & others] 320(12):769*; [Schachter] 320(12):802–e

Williamson, D.
Health and medical care in Ethiopia [Halbrooks & others] 320(17):1149–c
Williamson, D. F.
Body iron stores and the risk of cancer [Yip & others] 320(15):1012–c
Williamson, J. V.
Fraud and abuse: setting the limits on physicians' entrepreneurship [Hyman & Williamson] 320(19):1275–sb
Wilson, H.
Treatment of pulmonary hemangiomatosis with recombinant interferon alfa-2a [White & others] 320(18):1197–mi; [Folkman] 320(18):1211–e
Wilson, M. A.
Large community outbreak of cryptosporidiosis due to contamination of a filtered public water supply [Hayes & others] 320(21):1372*; [Olson] 320(21):1413–e
Wilson, M. L.
Rapid emergence of a focal epidemic of Lyme disease in coastal Massachusetts [Lastavica & others] 320(3):133*; [Hamlet & others] 320(24):1626–c
Wimpfheimer, C.
Successful pregnancy in a previously infertile woman treated with SMS-201-995 for acromegaly [Landolt & others] 320(10):671–c
Winegrad, A. I.
Pathogenesis of diabetic neuropathy [Winegrad & others] 320(1):57–c
Winestock, K.
Maintenance of alveolitis in patients with chronic beryllium disease by beryllium-specific helper T cells [Saltini & others] 320(17):1103*
Winkelstein, W., Jr.
Relation of serum antilymphocyte antibodies to the development of AIDS in HIV-seropositive men [Anderson & others] 320(26):1754–c
Winkenwerder, W.
Federal spending for illness caused by the human immunodeficiency virus [Winkenwerder & others] 320(24):1598–sa; [Rogers] 320(24):1623–e
Initiative to evaluate and improve medical practice [Tayloe & others] 320(16):1084–c
Winter, P. F.
Book Review of *Cardiovascular Nuclear Medicine.* (Lyons) [Winter] 320(17):1153–br
Wirima, J. J.
Tumor necrosis factor and disease severity in children with falciparum malaria [Grau & others] 320(24):1586*
Wise, P. H.
What do regional variations in the rates of hospitalization of children really mean? [Wise & Eisenberg] 320(18): 1209–e
Wisniewski, K. E.
Immunoreactivity of ceroid lipofuscin storage pigment in Batten disease with monoclonal antibodies to the amyloid beta-protein [Wisniewski & Maslinska] 320(4): 256–c
Withers, J.
Contrast material–induced renal failure in patients with diabetes mellitus, renal insufficiency, or both: a prospective controlled study [Parfrey & others] 320(3):143*; [Brezis & Epstein] 320(3):179–e
Witherspoon, R. P.
Effect of HLA compatibility on engraftment of bone marrow transplants in patients with leukemia or lymphoma [Anasetti & others] 320(4):197*
Graft-versus-host disease as adoptive immunotherapy in patients with advanced hematologic neoplasms [Sullivan & others] 320(13):828*
Witt, T.
Multicenter study of autologous adrenal medullary transplantation to the corpus striatum in patients with advanced Parkinson's disease [Goetz & others] 320(6):337*
Wittner, M.
Eustrongylidiasis — a parasitic infection acquired by eating sushi [Wittner & others] 320(17):1124–mi; [Schantz] 320(17):1143–e
Witztum, J. L.
Beyond cholesterol: modifications of low-density lipoprotein that increase its atherogenicity [Steinberg & others] 320(14):915–mi
Hyperkalemia during treatment with HMG-CoA reductase inhibitor [Edelman & others] 320(18):1219–c
Wiviott, M. B. T.
Recurrence of thyroid nodules after surgical removal in patients irradiated in childhood for benign conditions [Fogelfeld & others] 320(13):835*
Wolf, B. A.
"Hook effect": high concentrations of prostate-specific antigen giving artifactually low values on one-step immunoassay [Wolf & others] 320(26):1755–c
Wolfe, D. E.
Neuroaxonal dystrophy due to lysosomal α-*N*-acetylgalactosaminidase deficiency [Schindler & others] 320(26): 1735–mi
Wolfe, M. M.
Gastric acid secretion in systemic mastocytosis [Cherner & others] 320(23):1562–c
Wolff, S. M.
Effect of dietary supplementation with n−3 polyunsaturated fatty acids on the synthesis of interleukin-1 and tumor necrosis factor by mononuclear cells [Endres & others] 320(5):265*
Wolinsky, S. M.
Human immunodeficiency virus type 1 infection in homosexual men who remain seronegative for prolonged periods [Imagawa & others] 320(22):1458*; [Haseltine] 320(22): 1487–e
Wolmark, N.
Eight-year results of a randomized clinical trial comparing total mastectomy and lumpectomy with or without irradiation in the treatment of breast cancer [Fisher & others] 320(13):822*
Randomized clinical trial evaluating sequential methotrexate and fluorouracil in the treatment of patients with node-negative breast cancer who have estrogen-receptor–negative tumors [Fisher & others] 320(8):473*; [Relman] 320(8):525–e; [McGuire] 320(8):525–e; [DeVita] 320(8): 527–e
Randomized clinical trial evaluating tamoxifen in the treatment of patients with node-negative breast cancer who have estrogen-receptor–positive tumors [Fisher & others] 320(8):479*; [Relman] 320(8):525–e; [McGuire] 320(8): 525–e; [DeVita] 320(8):527–e
Wolters, J.
Thin-basement-membrane nephropathy [Dische & others] 320(26):1752–c
Thin-basement-membrane nephropathy in adults with persistent hematuria [Tiebosch & others] 320(1):14*; [Glassock] 320(1):51–e; [Dische & others] 320(26):1752–c
Wong, R.
Immunodeficiency characterized by defective signal transduction in T lymphocytes [Chatila & others] 320(11): 696*
Wood, A. J. J.
Racial differences in drug response: altered sensitivity to and clearance of propranolol in men of Chinese descent as compared with American whites [Zhou & others] 320(9):565*; [Kalow] 320(9):588–e
Regulation of discovery and drug development [Oates & Wood] 320(5):311–e
Wood, C.
Controlled study of luteinizing hormone–releasing hormone agonist (buserelin) for the induction of folliculogenesis before in vitro fertilization [MacLachlan & others] 320(19): 1233*

Wood, C. M.
Treatment of diversion colitis with short-chain–fatty acid irrigation [Harig & others] 320(1):23*
Wood, P. D.
Changes in lipoproteins during weight loss [Massé & others] 320(10):668–c
Woods, B. T.
Book Review of *Neurology for the Non-Neurologist*. 2nd ed. (Weiner & Goetz) [Woods] 320(26):1758–br
Woolcock, A.
Absence of immunoreactive vasoactive intestinal polypeptide in tissue from the lungs of patients with asthma [Ollerenshaw & others] 320(19):1244*; [Said] 320(19):1271–e
Woolf, A. D.
Variations in rates of hospitalization of children in three urban communities [Perrin & others] 320(18):1183–sa; [Wise & Eisenberg] 320(18):1209–e
Woolhandler, S.
National health program for the United States: a physicians' proposal [Himmelstein & others] 320(2):102–sa; [Relman] 320(2):117–e; [Relman] 320(5):314–e
Woolley, T.
How do house officers spend their nights? A time study of internal medicine house staff on call [Lurie & others] 320(25):1673–sa; [Mellinkoff] 320(25):1689–e
Word, D. M.
Large community outbreak of cryptosporidiosis due to contamination of a filtered public water supply [Hayes & others] 320(21):1372*; [Olson] 320(21):1413–e
Wouter ten Cate, J.
Detection of deep-vein thrombosis by real-time B-mode ultrasonography [Lensing & others] 320(6):342*
Wright, R.
Comparison of oral milrinone, digoxin, and their combination in the treatment of patients with chronic heart failure [DiBianco & others] 320(11):677*; [Cohn] 320(11):729–e
Writing Committee on the Working Group on Program Design
National health program for the United States: a physicians' proposal [Himmelstein & others] 320(2):102–sa; [Relman] 320(2):117–e; [Relman] 320(5):314–e

Y

Yacoub, J.
Assessing acid–base status in circulatory failure: differences between arterial and central venous blood [Adrogué & others] 320(20):1312*; [Bleich] 320(20):1345–e
Yacoub, M. H.
Breathing patterns in recipients of heart–lung transplants [Systrom & others] 320(10):669–c
Lack of effect of lung denervation on the measurement of potential difference after single-lung transplantation [Alton & others] 320(26):1755–c
Yalla, S. V.
Pathophysiology of urinary incontinence among institutionalized elderly persons [Resnick & others] 320(1):1*; [Anderl & others] 320(21):1421–c
Urinary incontinence among elderly persons [Anderl & others] 320(21):1421–c
Yamada, K.
Release of endogenous digitalis-like factor with sodium loading [Goto & others] 320(2):124–c
Yamashita, S.
Autoimmune hyperchylomicronemia [Kihara & others] 320(19):1255–mi; [Brunzell & Austin] 320(19):1273–e
Yao, J. K.
Pathogenesis of diabetic neuropathy [Winegrad & others] 320(1):57–c
Yawn, D. H.
Transmission of retroviruses by transfusion of screened blood in patients undergoing cardiac surgery [Cohen & others] 320(18):1172*
Yee, R.
Longitudinal electrophysiologic assessment of asymptomatic patients with the Wolff–Parkinson–White electrocardiographic pattern [Klein & others] 320(19):1229*
Yip, R.
Body iron stores and the risk of cancer [Yip & others] 320(15):1012–c
Yoneyama, T.
Elevated levels of creatine kinase BB isoenzyme in three patients with adult osteopetrosis [Yoneyama & others] 320(19):1284–c
Yoshinari, N.
Lack of antibodies to *Borrelia burgdorferi* in patients with amyotrophic lateral sclerosis [Mandell & others] 320(4):255–c
Young, G.
Rodeo queen [Young] 320(10):674–c
Young, M.
Immunodeficiency characterized by defective signal transduction in T lymphocytes [Chatila & others] 320(11):696*
Young, R. R.
Treatment of spastic paresis [Young] 320(23):1553–e
Young, S. G.
Familial hypobetalipoproteinemia associated with a mutant species of apolipoprotein B (B-46) [Young & others] 320(24):1604–mi
Yu, S. K.
False positive HIV antibody reaction due to transfusion-induced HLA-DR4 sensitization [Yu & others] 320(22):1495–c
Yunis, J. J.
bcl-2 and other genomic alterations in the prognosis of large-cell lymphoma [Yunis & others] 320(16):1047*
Yunker, R. M.
Pressure to keep prices high at a walk-in clinic [Yunker & others] 320(3):183–c
Yust, I.
Disinfecting barbers' instruments [Koffler & Yust] 320(6):402–c

Z

Zacarias, F. R. K.
AIDS in the Americas: an emerging public health crisis [Quinn & others] 320(15):1005–e
Zachary, J. M.
Safety and efficacy of chorionic villus sampling for early prenatal diagnosis of cytogenetic abnormalities [Rhoads & others] 320(10):609*; [Mennuti] 320(10):661–e
Zarem, H. A.
Book Review of *Maxillofacial Trauma*. (Alling & Osbon) [Zarem] 320(8):542–br
Zavaroni, I.
Risk factors for coronary artery disease in healthy persons with hyperinsulinemia and normal glucose tolerance [Zavaroni & others] 320(11):702*; [Foster] 320(11):733–e
Zbar, L. I. S.
Book Review of *Quiet Ear: Deafness in literature*. (Grant) [Zbar] 320(14):945–br
Zeppenfeldt, E.
Thin-basement-membrane nephropathy [Dische & others] 320(26):1752–c
Thin-basement-membrane nephropathy in adults with persistent hematuria [Tiebosch & others] 320(1):14*; [Glassock] 320(1):51–e; [Dische & others] 320(26):1752–c
Zeviani, M.
Mitochondrial DNA deletions in progressive external ophthalmoplegia and Kearns–Sayre syndrome [Moraes & others] 320(20):1293*; [Harding] 320(20):1341–e

Zhou, H.-H.
Racial differences in drug response: altered sensitivity to and clearance of propranolol in men of Chinese descent as compared with American whites [Zhou & others] 320(9):565*; [Kalow] 320(9):588–e

Zimmerman, B. R.
Pathogenesis of diabetic neuropathy [Winegrad & others] 320(1):57–c

Zipes, D. P.
Ventricular fibrillation during antiarrhythmic drug therapy [Rude & others] 320(8):537–c

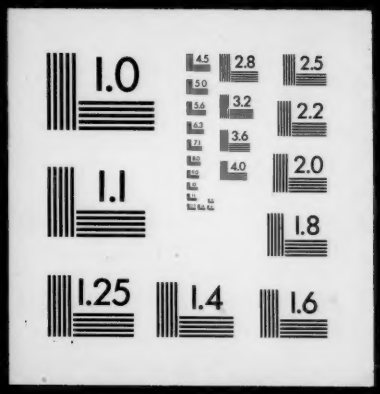
Zolla-Pazner, S.
Reinterpretation of human immunodeficiency virus Western blot patterns [Zolla-Pazner & others] 320(19):1280–c

Zucchelli, P.
Randomized trial of methylprednisolone and chlorambucil in idiopathic membranous nephropathy [Ponticelli & others] 320(1):8*; [Glassock] 320(1):51–e

Zuckerman, B.
Effects of maternal marijuana and cocaine use on fetal growth [Zuckerman & others] 320(12):762*

Zumoff, B.
High monounsaturated fat diet for non-insulin-dependent diabetes mellitus [Truswell & others] 320(8):535–c

Zupanc, M.
Mitochondrial DNA deletions in progressive external ophthalmoplegia and Kearns–Sayre syndrome [Moraes & others] 320(20):1293*; [Harding] 320(20):1341–e


1.0
2.8
2.5
3.2
2.2
3.6
4.0
2.0
1.1
1.8
1.25
1.4
1.6